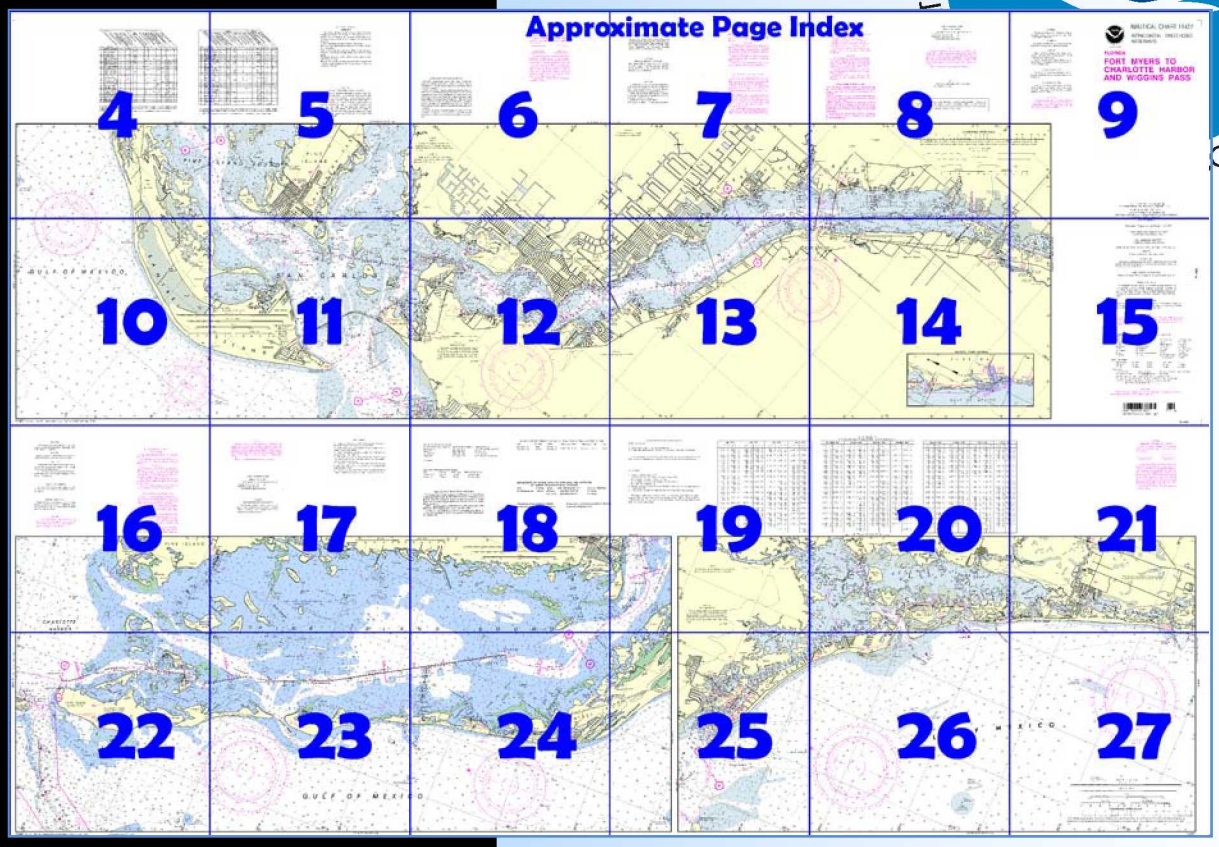
BookletChart™

Fort Myers to Charlotte Harbor And Wiggins Pass

(NOAA Chart 11427)

A reduced scale NOAA nautical chart for small boaters. When possible, use the full size NOAA chart for navigation.

- ☑ *Complete, reduced scale nautical chart*
- ☑ *Print at home for free*
- ☑ *Convenient size*
- ☑ *Up to date with all Notices to Mariners*
- ☑ *United States Coast Pilot excerpts*
- ☑ *Compiled by NOAA, the nation's chartmaker.*



Home Edition (not for sale)

Published by the
National Oceanic and Atmospheric Administration
National Ocean Service
Office of Coast Survey
www.NauticalCharts.NOAA.gov
301-713-2770

What are Nautical Charts?

Nautical charts are a fundamental tool of marine navigation. They show water depths, obstructions, buoys, other aids to navigation, and much more. The information is shown in a way that promotes safe and efficient navigation. Chart carriage is mandatory on the commercial ships that carry America's commerce. They are also used on every Navy and Coast Guard ship, fishing and passenger vessels, and are widely carried by recreational boaters.

What is a BookletChart™?

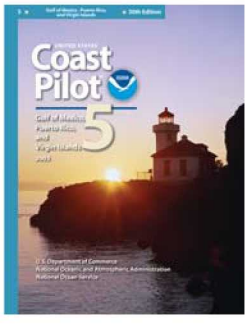
This BookletChart is made to help recreational boaters locate themselves on the water. It has been reduced in scale for convenience, but otherwise contains all the information of the full-scale nautical chart. The bar scales have also been reduced, and are accurate when used to measure distances in this BookletChart. See the Note at the bottom of page 5 for the reduction in scale applied to this chart.

Whenever possible, use the official, full scale NOAA nautical chart for navigation. Nautical chart sales agents are listed on the Internet at http://www.NauticalCharts.NOAA.gov.

This BookletChart does NOT fulfill chart carriage requirements for regulated commercial vessels under Titles 33 and 44 of the Code of Federal Regulations.

Notice to Mariners Correction Status

This BookletChart has been updated for chart corrections published in the U.S. Coast Guard Local Notice to Mariners, the National Geospatial Intelligence Agency Weekly Notice to Mariners, and, where applicable, the Canadian Coast Guard Notice to Mariners. Additional chart corrections have been made by NOAA in advance of their publication in a Notice to Mariners. The last Notices to Mariners applied to this chart are listed in the Note at the bottom of page 7. Coast Pilot excerpts are not being corrected.



[Coast Pilot 5, Chapter 4 excerpts]

(248) A dredged channel leads from **Punta Rassa** to **Fort Myers**. The channel is well marked by lights, daybeacons, and ranges. The midchannel depth was 8 feet.

(252) **Glover** has a marina with slips for 50 to 60 foot vessels. An anchorage basin E of the slips had a depth of 7 feet with shoaling in the SE corner.

(253) **Iona Cove**. A privately marked channel leads to a small-craft basin. The depths were 5½ feet in the channel and 6 feet in the basin. Several oyster bars are close to the entrance channel; caution is advised.

(254) A boat basin is on the S side of the river 2.2 miles above Shell Point; berths with electricity, gasoline, diesel fuel, water, ice, and a launching ramp are available.

(256) A privately marked channel, which had a depth of 7 feet, leads to a marina in Cape Coral Yacht Basin W of Redfish Point. There were depths of 4½ to 13 feet in the basin and lagoons. Berths with electricity, gasoline, diesel fuel, water, ice, marine supplies, pumpout station, and launching ramps were available. The harbormaster, monitors VHF-FM channel 16 from 0800 to 1800 daily; telephone, 813-574-0809.

(257) There was 5 feet in the privately marked channel leading to the W entrance to the lagoons at the W half of the Cape Coral developments.

(259) **Deep Lagoon** provides anchorage and moorings for drafts up to 7 feet. The depth in the channel leading to the lagoon was 5 feet. A marina in the lagoon has gasoline, diesel fuel, water, ice, marine supplies, and launching ramps.

(260) A privately marked channel leads to a yacht club 0.5 mile NE of Deep Lagoon. The yacht club has water, ice, gasoline, diesel fuel, and marine supplies. The entrance channel had a depth of 5 feet and the basin 5 feet.

(262) **Whiskey Creek** has a privately marked channel with a depth of 2 feet. A bridge, with a clearance of 12 feet at the center, crosses the creek 0.1 mile above the mouth.

(263) A privately marked channel leads W from the river to a small-craft basin 3 miles SW of the Edison Memorial Bridge. Depths of 5 feet were in the channel, and 6 feet in the basin. A marina in the basin has berths with water and electricity for boats up to 48 feet long.

(264) **Waterway Estates**. Lagoons have been dredged to provide homesites. A channel leading to a basin and marina had a depth of 5 feet with 3 to 5 feet in the basins and lagoons. Submerged obstructions were in the entrance channel. Berths with electricity, gasoline, diesel fuel, water, ice, marine supplies, are available at the marina.

(265) **Hancock Creek** leads to a housing development upstream. The depth was 3½ feet in the entrance channel; thence 7 feet in the creek. The channel to the creek entrance and the channel are well marked by private daybeacons. A bridge, 0.3 mile above the mouth, has a clearance of 13 feet. A marina in the lagoon that branches E just inside the creek has berths with electricity, water, ice, gasoline, diesel fuel, and sewage pump-out.

(272) **Small-craft facilities.** There are small-craft facilities on both sides of the **Caloosahatchee River** in the vicinity of Fort Myers.

(273) **Fort Myers Yacht Yacht Basin** is between the Edison Memorial Bridge and the Caloosahatchee Bridge. A **dockmaster** assigns berths (day, 941-334-8371); VHF-FM channel 16 is monitored.

(277) **Manatees.** Regulated speed zones for the protection of manatees are in the Caloosahatchee River from San Carlos Bay to the Edison Memorial Bridge (U.S. 41) and in **Orange River** and at its confluence with Caloosahatchee River 5 miles above Edison Memorial Bridge.

(278) The **Okeechobee Waterway** is a shallow passage across Florida. The Federal project provides for a channel 8 feet deep from Fort Myers to the Intracoastal Waterway near Stuart.

(280) **Matlacha Pass** is navigable for drafts of 2 to 3 feet, but the channel, marked by private daybeacons, is narrow and crooked and has numerous oyster bars. This channel is not recommended without local knowledge.

(281) The bridge between Little Pine Island and West Island has a clearance of 4 feet and the bridge between West Island and the mainland is a clearance of 9 feet.. Gasoline, water, ice, marine supplies, launching ramps, and some engine repairs can be obtained at the small piers near the bridge.

(284) **Sanibel Island**. A large portion of the island is part of the J.N. "Ding" Darling National Wildlife Refuge.

(285) A fish haven marked by private buoys and an unmarked fish haven are 3 and 8 miles SW of Sanibel Island Light, respectively.

(286) **Blind Pass** is unmarked and subject to change. The pass was bare and impassable. A bridge over the pass has a 38-foot fixed span with a clearance of 7 feet.

(288) **Redfish Pass** is winding and difficult, with strong currents and frequent changes in depth and position. The pass should not be attempted without local knowledge. The depth was 6 feet. A partially submerged groin is on the S side of the pass. Fishing boats frequently use the pass.

Table of Selected Chart Notes

HEIGHTS

Heights in feet above Mean High Water.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

INTRACOASTAL WATERWAY AIDS

The U.S. Aids to Navigation System is designed for use with nautical charts, and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted.

Aids to navigation marking the Intracoastal Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways.

When following the Intracoastal Waterway westward from the Caloosahatchee River to Anclote, FL, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel.

A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

CAUTION

Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

INTRACOASTAL WATERWAY

Project Depths

9 feet Caloosahatchee River, FL to Anclote River, FL.

The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

Distances

The Waterway is indicated by a magenta line. Mileage distances shown along the Waterway are in Statute Miles, based on zero northward from junction with the Okeechobee Waterway, and are indicated thus: ——•——

Tables for converting Statute Miles to International Nautical Miles are given in U.S.Coast Pilots 4 and 5.

Courses are TRUE and must be CORRECTED for any variation and compass deviation.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

CAUTION

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WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

CAUTION

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A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

Corrected through NM May 21/05, LNM May 17/05

Corrected through NM May 21/05, LNM May 17/05

CAUTION

WARNING CONCERNING LARGE VESSELS

The "Rules of the Road" state that recreational boats shall not impede the passage of a vessel that can navigate only within a narrow channel or fairway. Large vessels may appear to move slowly due to their large size but actually transit at speeds in excess of 12 knots, requiring a great distance in which to maneuver or stop. A large vessel's superstructure may block the wind with the result that sailboats and sailboards may unexpectedly find themselves unable to maneuver. Bow and stern waves can be hazardous to small vessels. Large vessels may not be able to see small craft close to their bows.

May/05; Corrected through NM May 21/05, LNM May 17/05

RULES OF THE ROAD

(ABRIDGED)

Motorless craft have the right-of-way in almost all cases.

Sailing vessels and motorboats less than sixty-five feet in length shall not hamper, in a narrow channel, the safe passage of a vessel which can navigate only inside that channel.

A motorboat being overtaken has the right-of-way.

Motorboats approaching head to head or nearly so should pass port to port.

When motorboats approach each other at right angles or obliquely, the boat on the right has the right-of-way in most cases.

Motorboats must keep to the right in narrow channels when safe and practicable.

Mariners are urged to become familiar with the complete text of the Rules of the Road in U.S. Coast Guard publication "Navigation Rules."

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.

Refer to charted regulation section numbers.

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.

Refer to charted regulation section numbers.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum (NAD 83), which for charting purposes is considerd equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.272" northward and 0.680" eastward to agree with this chart.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

FACILITIES

Locations of public marine facilities are shown by large magenta numbers with leaders and refer to the facility tabulation.

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Melbourne, FL	(321) 255-0212	8:00 AM-4:00 PM (Mon-Fri)
Miami, FL	(305) 229-4522	24 Hours daily
Key West, FL	(305) 295-1316	24 Hours daily
Tampa, FL	*(813) 645-2506	8:00 AM-4:00 PM (Mon-Fri)

*Recorded

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ. MHz	BROADCAST TIMES
Fort Myers, FL	WXK-83	162.475	24 Hours daily
Venice, FL	WWG-59	162.40	24 Hours daily

WEATHER RULES FOR SAFE BOATING

Before setting out:

1. Check local weather and sea conditions.
2. Obtain the latest weather forecast for your area from radio broadcasts.

When warnings are in effect, don't go out unless you are confident your boat can be navigated safely under forcast conditions of wind and sea.

While afloat:

1. Keep a weather eye out for:
   A. A sudden vertical cumulus cloud development
   B. A sudden change in wind direction
   C. A sudden noticeable increase in wind velocity
   D. A drop in temperature
2. Be alert to heavy static on your AM radio which may indicate approaching thunderstorms
3. Check radio weather broadcasts for latest forcasts and warnings

Thundersqualls often occur on warm, moist afternoons and are a great hazard to the mariner. They can have wind gusts up to 80 mph and hit almost without warning. To survive a squall, you must prevent being capsized or blow to leeward into danger.

NO	LOCATION	DEPTH: APPROACH-FEET (REPORTED)	DEPTH: ALONGSIDE-FEET (REPORTED)	SERVICES: ELECTRICITY (REPORTED)	SERVICES: RAMP	SERVICES: REPAIRS	SERVICES: MARINE RAILWAY-FEET	SERVICES: LIFT CAPACITY-TONS	SERVICES: BOAT RENTAL	SERVICES: CANOE-IRON-MOTOR-KAYAKS	SERVICES: FOOD-LODGING-CAMPING	SERVICES: TOILETS-SHOWERS-LAUNDRY	SUPPLIES: WATER-ICE	SUPPLIES: WEATHER-CHART SALES	SUPPLIES: GROCERIES-HARDWARE	SUPPLIES: BAIT-TACKLE	SUPPLIES: DIESEL-OIL-GASOLINE
1	MATANZAS PASS MAR	8	4	BME											T		
10	MID ISLAND MARINA	4	4						HMR		7	M			T	D	C
11	BOATS UNLIMITED	8	4								4						
12	TAD'S MARINA	8	4		E				HM		4				T		C
12 A	DOLPHIN MARINA	4	4						HMR		5				T	D	
13	DEEP LAGOON MARINA	5	7		E				HMR		20			FLC	TSLP	D	
14	CAPE CORAL CITY YC	6	8	B	E	S			HMR			CRMK	C S	F	TSLP		C
14A	PEPPERTREE PT MAR	4	4		E	S			HMR		8				T	D	C
15	GULF HARBOUR MAR	6	6	B	E								C S	F	TSLP		C
16	PORT SANIBEL MARINA	5¼	5½		E	S					20	CMK		F	TSLP		C
16A	ST CHARLES YACHT	6	6	B	E									F	TSLP	D	C
17	TARPON POINT MAR	8	8	B	E							M			TS P		
18	SANIBEL HBR MARINA	3	5						HMR		7			F	T	D	C
18A	SANIBEL HAR RESORT	25	10	B	E							C	S	FL	TSL		
19	TARPON LODGE	3	1½	B	E									FL	TS		C
20	CABBAGE KEY INC	7	6	B	E							M	S	FL	TSL		C
20B	CAYO COSTA ST. PARK	2	2	B							C			LC	TS		
21	MATTSON MAR AT PNLD	5	6				S	M				M	C		T	WD	C
23	SOUTH SEAS RESORT	6	6	B	E	S						M		FL	TSLP		C
23A	TWIN PALM MARINA	5	5											LC	TS		
23C	THE GREEN FLASH	6	4											F	T		
23E	Mc CARTHY'S MARINA	7	4									C	C S		T P		
24	TWEEN-WATERS MAR	5	5	B	E	S						C M		FL	TSLP		C
24A	CASTAWAYS MARINA	6	9	B		S						C	C	L	TSL		C
27	ST JAMES MARINA	3	4			S	G	M							T	W	C
29B	ISLAND HARDWARE	8	4	BME							5			F	TSL	WD	C
29C	BOB & ANNIES BT YD	5½	3½						HMR		69						
30	GULF X MARINA	12	12	B	E				HMR		15			F	TS		

THE LOCATIONS OF THE ABOVE PUBLIC MARINE FACILITIES ARE SHOWN ON THE CHART BY LARGE MAGENTA NUMBERS.
THE TABULATED "APPROACH-FEET (REPORTED)" IS THE DEPTH AVAILABLE FROM THE NEAREST NATURAL OR DREDGED CHANNEL TO THE FACILITY.
THE TABULATED "PUMPING STATION" IS DEFINED AS FACILITIES AVAILABLE FOR PUMPING OUT BOAT HOLDING TANKS.

NO	LOCATION	DEPTH: APPROACH-FEET (REPORTED)	DEPTH: ALONGSIDE-FEET (REPORTED)	SERVICES: ELECTRICITY (REPORTED)	SERVICES: RAMP	SERVICES: REPAIRS	SERVICES: MARINE RAILWAY-FEET
31	SANIBEL MARINA	6	6	B			
32	HURRICANE BAY MAR	6	10	B			
33	SALTY SAM'S MARINA	12	7	B			
33A	ISLAND BAY MARINA	9	8	B			
33B	GULF MARINE WAYS	12	12				
33C	IDEEBOLDS MARINE	6	6				
33D	MID-ISLAND BEACH MAR	7	7	B			
34	FT MYERS BEACH MAR	9	9				
34A	GULF STAR MARINA	8	5				
35A	MOSS MARINA	10	5	B			
35B	MATANZAS INN MAR	10	8	B			
37	OLSENS MARINE SER	6	6				
37B	COMPASS ROSE MAR	4	8				
40A	FISHTALE MARINA	5	5	B			
42	BIG HICKORY MARINA	3	4	B			
43	BONITA BAY MAR	3	7	B			
43A	BACK BAY MARINA	2½	3				
43D	BAREFOOT BOAT CLUB	5	4				
47	WEEKS LANDING	4	4				
62	HANSEN MARINE WAYS	4½	10				
63	LEEWARD YACHT CLUB	6	5	B			
64	PROSPERY POINTE MAR	5	5	B			
65	SAINT ELMO MARINA	7	7	B			
67	FT MYERS YCHT BSN	9	8	B			
67A	MARINATOWN MARINA	5	8	B			
68	CALOOSA ISLE MAR	6	4	B			
68A	PARADISE YACHT	6	6	B			
69	FORT MYERS YACHT	7	6				
70	CENTENNIAL HARBOUR	7	6	B			

THE LOCATIONS OF THE ABOVE PUBLIC MAR
THE TABULATED "APPROACH-FEET (REPORTED)"
TO THE FACILITY.
THE TABULATED "PUMPING STATION" IS DEFINE

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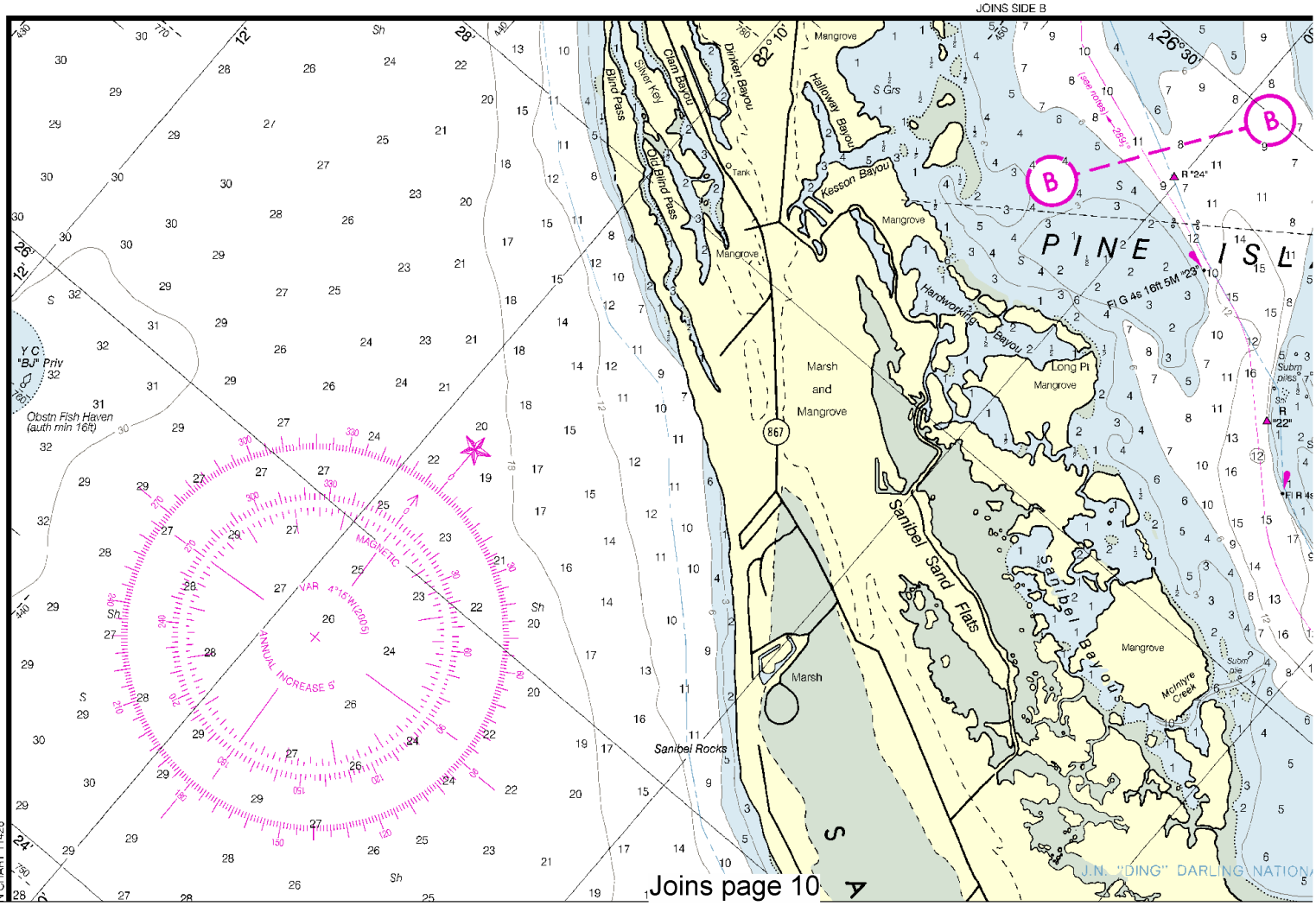

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Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

…RTHS	…TURAL	…-MOTOR-RADIO	…NE RAILWAY-FEET	LIFT CAPACITY-TONS	BOAT RENTAL: CANOE-ROW-MOTOR	BOAT RENTAL: CHARTER-HOUSE-SAIL	FOOD-LODGING-CAMPING	TOILETS-SHOWERS-LAUNDRY / PUMP-OUT STATION	WINTER STORAGE WET-DRY	NAUTICAL CHART SALES	WATER-ICE	GROCERIES-HARDWARE	BAIT-TACKLE	DIESEL OIL-GASOLINE
B E	S	M			M	C	F	TSL	WD	C	WI	H	BT	DG
B E		HM												
B	S	HMR		12	M	C	F C	TSL P	D	C	WI	G		DG
B							L	TSL P			W			
		HM		15										
					M		F	T		C	I		B	
B E		HMR		11	M	C	F	TSL P	WD	C	WI	GH	BT	G
E		HMR		9	M		F	TS LP	D	C	WI	H	BT	DG
E		HM		8			F			C	W	H		G
B E				15				TSL P	W		WI	H	BT	DG
B E							FL				WI		BT	
		HMR		37				TS				H		
		HM		38				TSL	WD		W	H		G
BME		HMR			M	C	F	TS P	WD	C	WI		BT	DG
B E					M		F	T		C	WI	H	BT	G
B E				8		C	F	TS P	WD	C	WI		BT	G
		HMR		7½	M		F	T	D	C	WI	H	BT	G
			6					TS	WD	C	WI			G
	S					C		T	D	C	WI	G	BT	
								TS						
B E	S			3	C M	C	F	TSLP	D		WI	GH		DG
B E	S				M		F	TSL P			WI		BT	DG
BME	H	MR						T	WD		W	H		
BME	S						F	TSL P	W	C	WI	GH		DG
B E							F	TSL P	W		WI			
B E		HMR		30	M		F	TSL	WD	C	W	H		G
B E							F	TSL P			W			
		HMR	130	55				TS	D					
B E							FL	TSLP	W		WI	GH		

MARINE FACILITIES ARE SHOWN ON THE CHART BY LARGE MAGENTA NUMBERS.
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RULES OF THE ROAD
(ABRIDGED)

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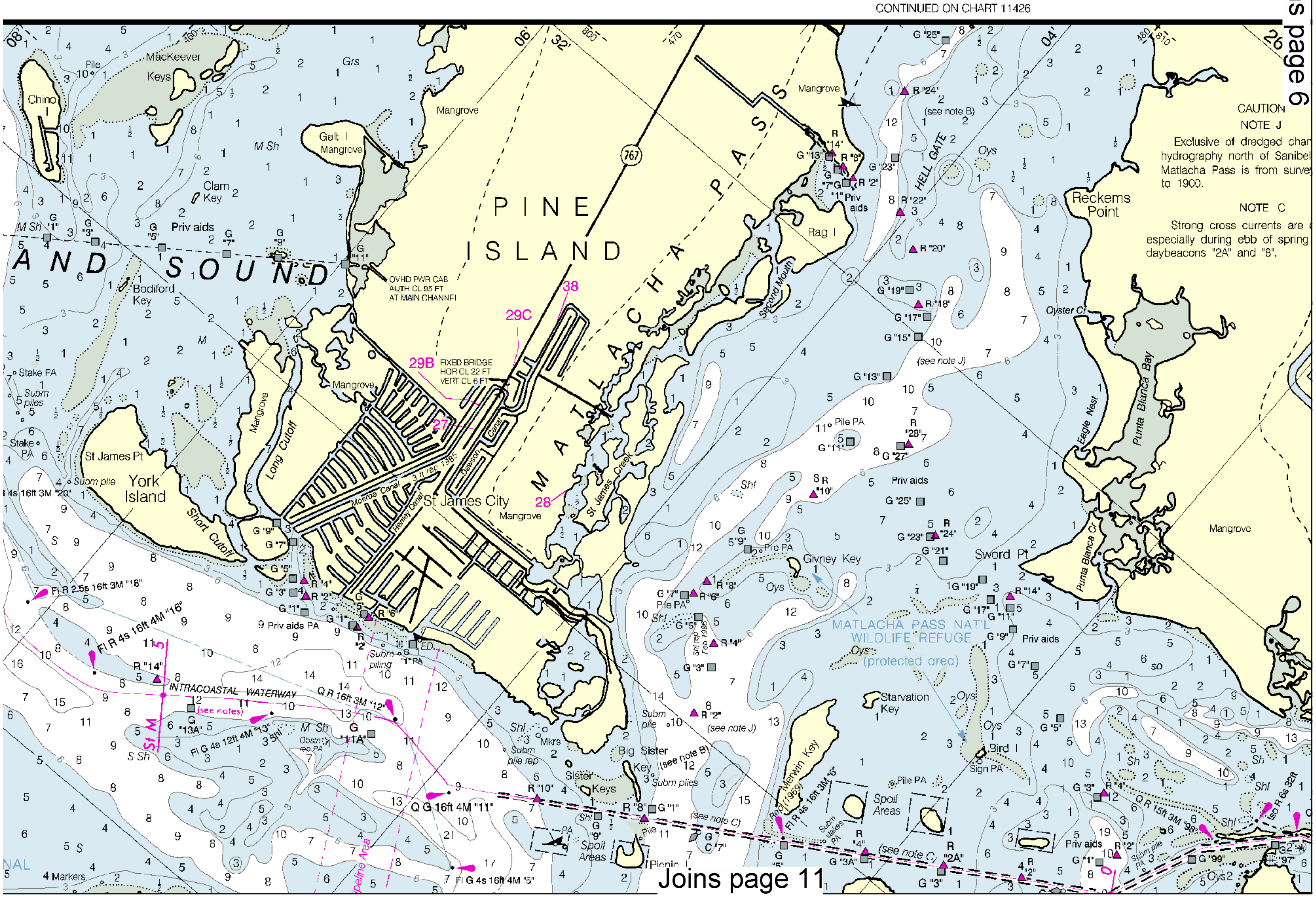
HURRICANES
Hurricanes, tropical s
cause considerable da
navigation and moored v
in unknown locations.
Charted soundings, c
reflect actual conditions
navigation may have bee
have been moved from t
extinguished or otherwis
not rely upon the positio
Wrecks and submerged
from charted locations. F
or moved.
Mar ners are urged t
requested to repor
hazards to navigati
unit.

CONTINUED ON CHART 11426

Joins page 6



Joins page 11

This BookletChart was reduced to 75% of the original chart scale. The new scale is 1:53333. Barscales have also been reduced and are accurate when used to measure distances in this BookletChart.

HURRICANES AND TROPICAL STORMS

Hurricanes, tropical storms and other major storms may cause considerable damage to marine structures, aids to navigation and moored vessels, resulting in submerged debris in unknown locations.

Charted soundings, channel depths and shoreline may not reflect actual conditions following these storms. Fixed aids to navigation may have been damaged or destroyed. Buoys may have been moved from their charted positions, damaged, sunk, extinguished or otherwise made inoperative. Mariners should not rely upon the position or operation of an aid to navigation. Wrecks and submerged obstructions may have been displaced from charted locations. Pipelines may have become uncovered or moved.

Mariners are urged to exercise extreme caution and are requested to report aids to navigation discrepancies and hazards to navigation to the nearest United States Coast Guard unit.

CAUTION

SUBMARINE PIPELINES AND CABLES

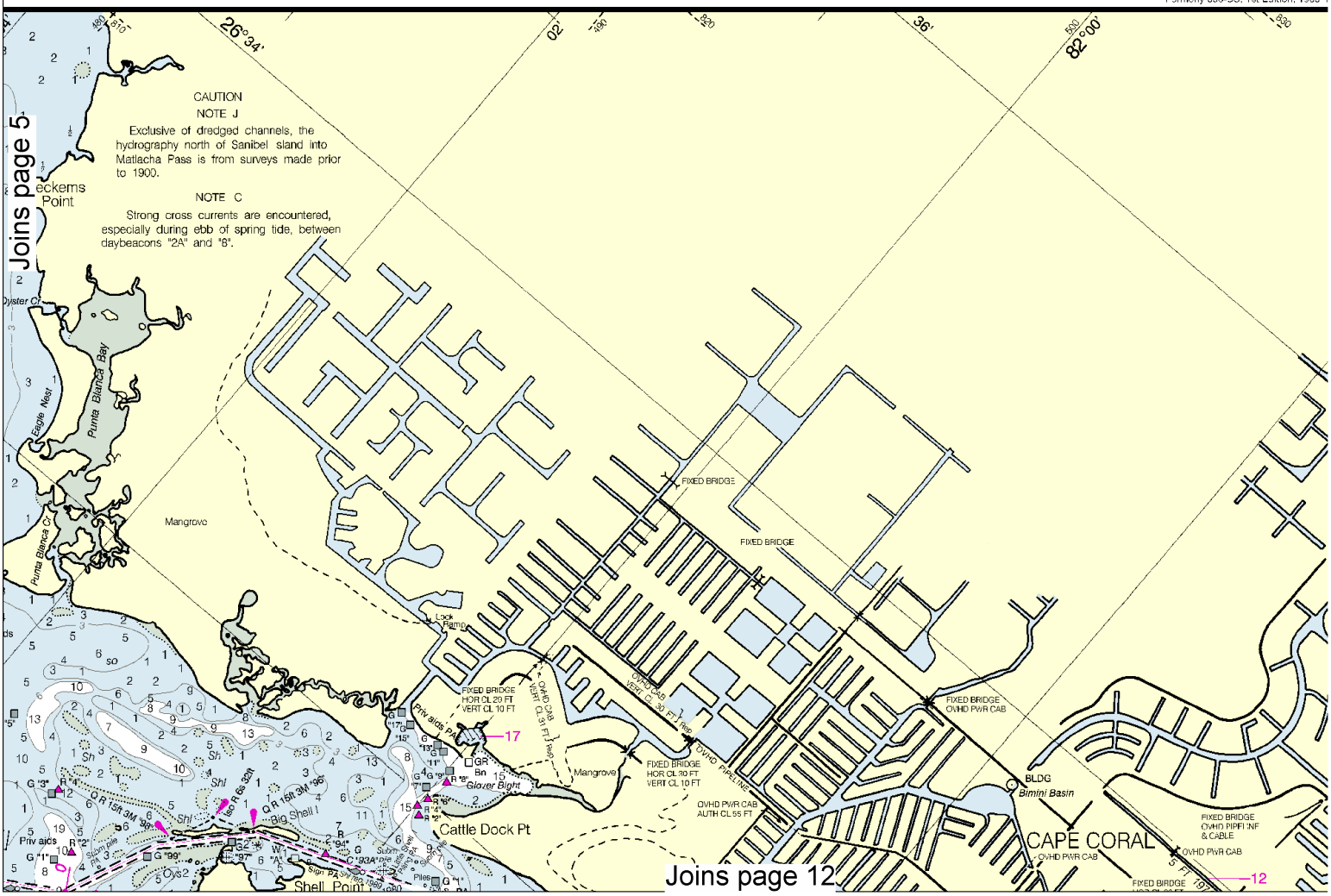
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area *Cable Area*

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

Formerly 856-SC, 1st Edition, 1963



Printed at reduced scale. SCALE 1:40,000 See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

ACKNOWLEDGMENT

The National Ocean Service acknowledges the exceptional cooperation received from members of the Cape Coral, Sanibel-Captiva and San Carlos Bay Power Squadrons,District 22, United States Power Squadrons for continually providing essential information for revising this chart.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.

Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.

Station positions are shown thus:
⊙(Accurate location) o(Approximate location)

INTRACOASTAL WATERWAY

Project Depths

9 feet Caloosahatchee River, FL to Anclote River, FL.

The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

Distances

The Waterway is indicated by a magenta line. Mileage distances shown along the Waterway are in Statute Miles, based on zero northward from junction with the Okeechobee Waterway, and are indicated thus: ——•——

Tables for converting Statute Miles to International Nautical Miles are given in U.S.Coast Pilots 4 and 5.

Courses are TRUE and must be CORRECTED for any variation and compass deviation.

INTRACOASTAL WATERWAY AIDS

The U.S. Aids to Navigation System is designed for use with nautical charts, and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted.

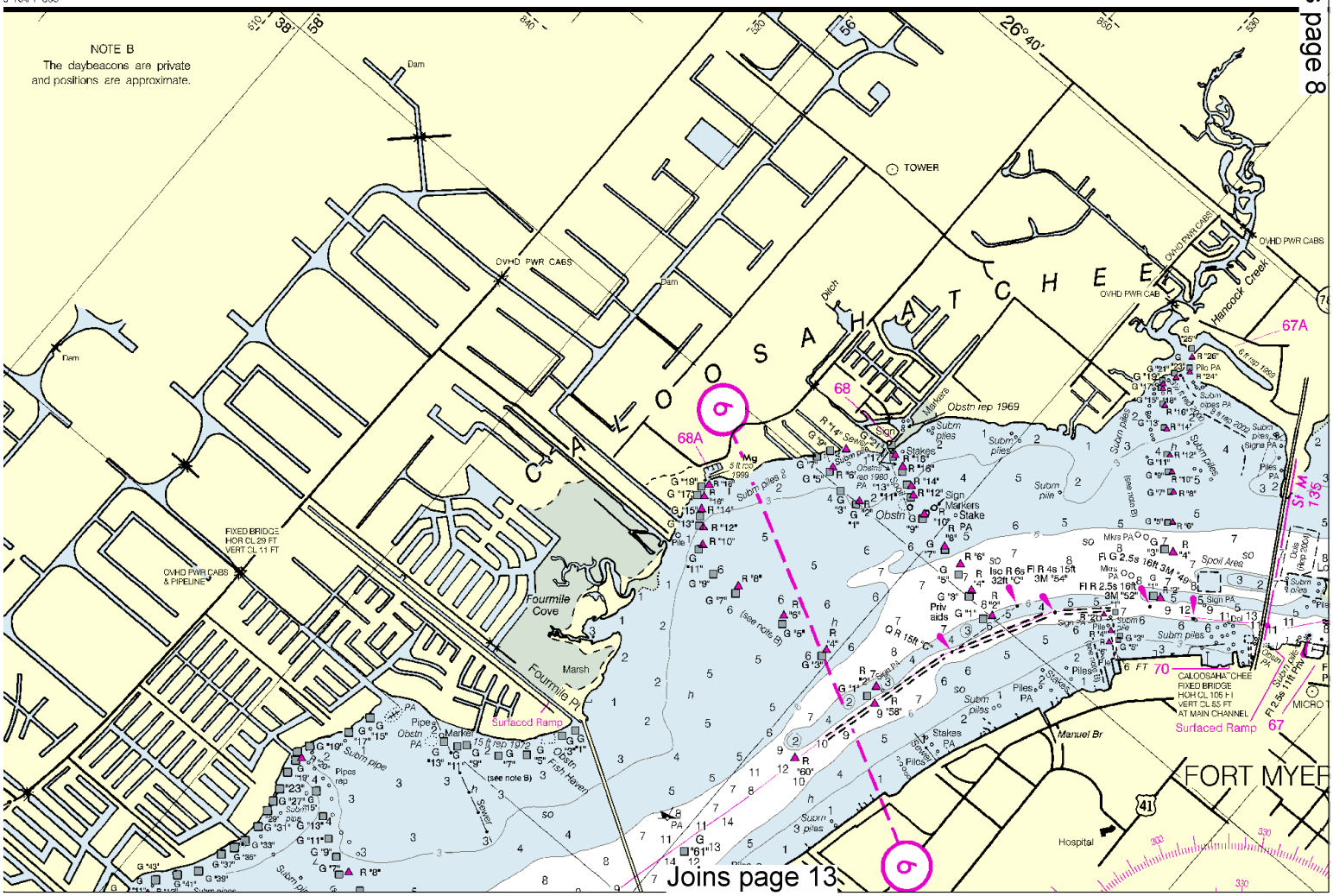
Aids to navigation marking the Intracoastal Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways.

When following the Intracoastal Waterway westward from the Caloosahatchee River to Anclote, FL, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel.

A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Intracoastal Waterway.

3 KAPP 366

Joins page 8



Joins page 13

OKEECHOBEE WATERWAY

Project Depths

8 feet St. Lucie River to Fort Myers via Route 1 and 6 feet via Route 2.

10 feet Fort Myers to Punta Rassa.

12 feet Punta Rassa to Gulf of Mexico.

Lockage service is provided continuously from 6:00 A.M. to 10:00 P.M. EST, daily.

The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

Distances

The Waterway is indicated by a magenta line. Mileage distances shown along Waterway are in Statute Miles, based on zero westward from junction with the Atlantic Intracoastal Waterway in St. Lucie Inlet (11428, Side A), and are indicated thus: ——•——

Tables for converting Statute Miles to International Nautical Miles are given in U.S. Coast Pilots 4 and 5.

Courses are TRUE and must be CORRECTED for any compass deviation and variation.

OKEECHOBEE WATERWAY AIDS

The U.S. Aids to Navigation System is designed for use with nautical charts and the exact meaning of an aid to navigation may not be clear unless the appropriate chart is consulted.

Aids to navigation marking the Okeechobee Waterway exhibit unique yellow symbols to distinguish them from aids marking other waterways.

When following the Okeechobee Waterway westward from St. Lucie Inlet to Fort Myers, Florida, aids with yellow triangles should be kept on the starboard side of the vessel and aids with yellow squares should be kept on the port side of the vessel.

A horizontal yellow band provides no lateral information, but simply identifies aids to navigation as marking the Okeechobee Waterway.

PLANE COORDINATE GRID

(based on NAD 1927)

The Florida State Grid, west zone, is indicated on this chart at 10,000 foot intervals thus: -|-

The last three digits are omitted.

NOTE A

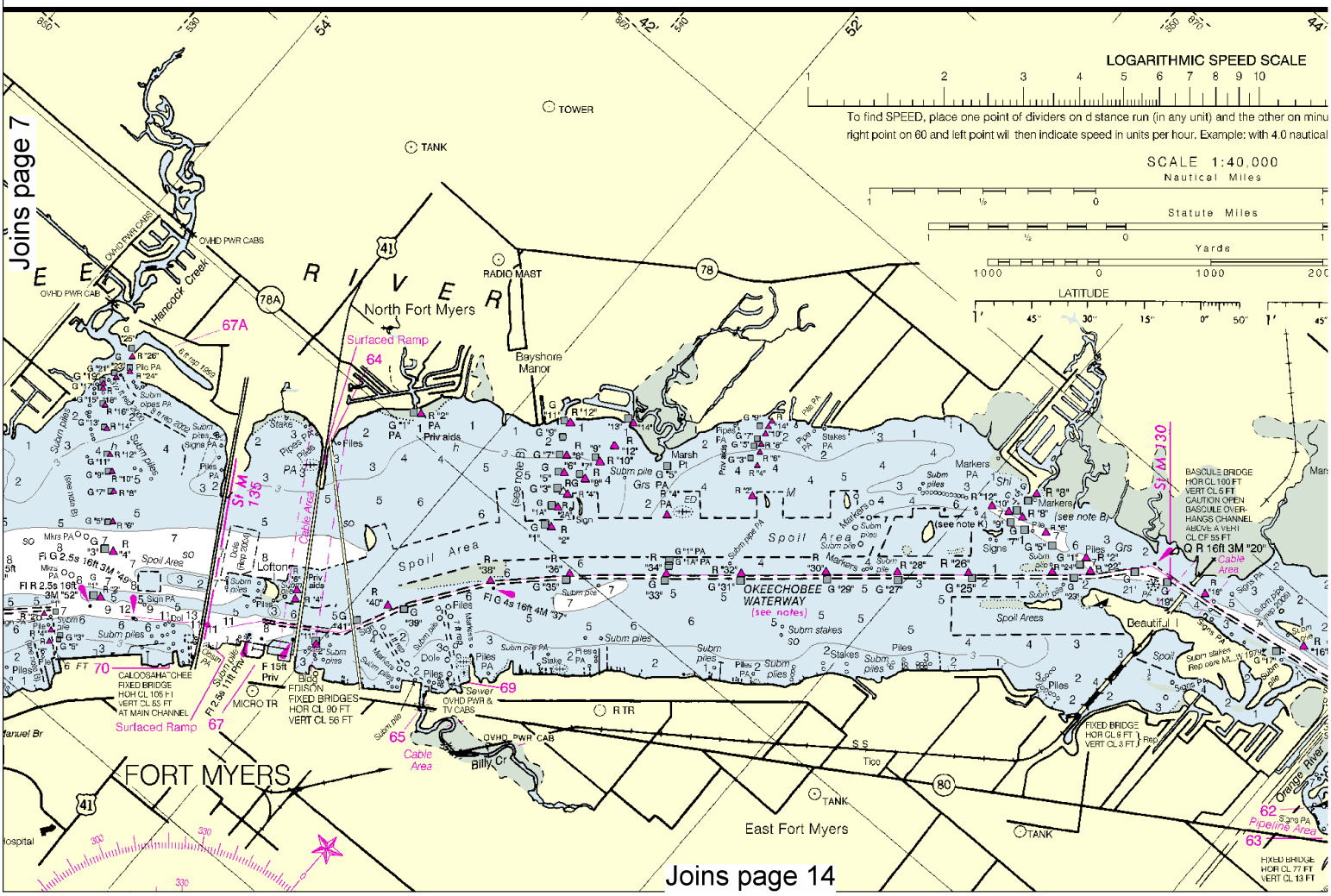
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.

Refer to charted regulation section numbers.

NOTE K

Numerous submerged piles have been reported in this area.

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.



Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

AIDS TO NAVIGATION

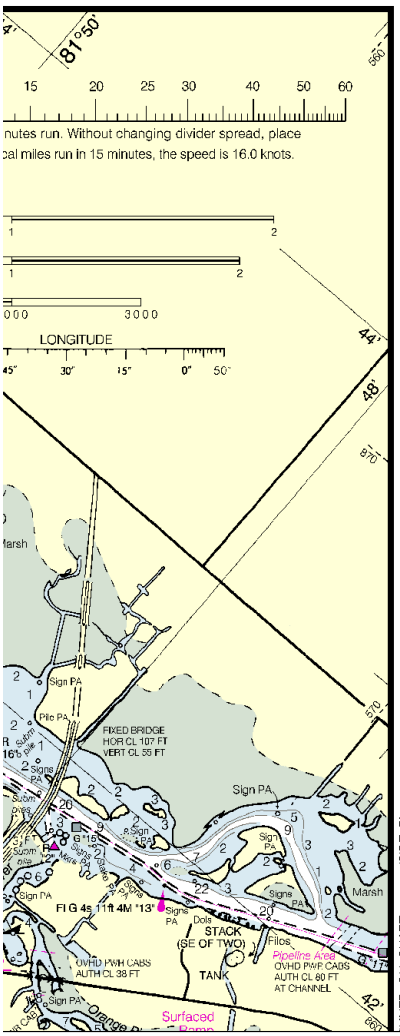
Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.



Joins page 15

NAUTICAL CHART 11427

INTRACOASTAL - OKEECHOBEE WATERWAYS

FLORIDA

FORT MYERS TO CHARLOTTE HARBOR AND WIGGINS PASS

Chart 11427, 34th Ed., May/05 ■
Corrected through NM May 21/05, LNM May 17/05

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

Mercator Projection at Scale 1:40,000

North American Datum of 1983
(World Geodetic System 1984)

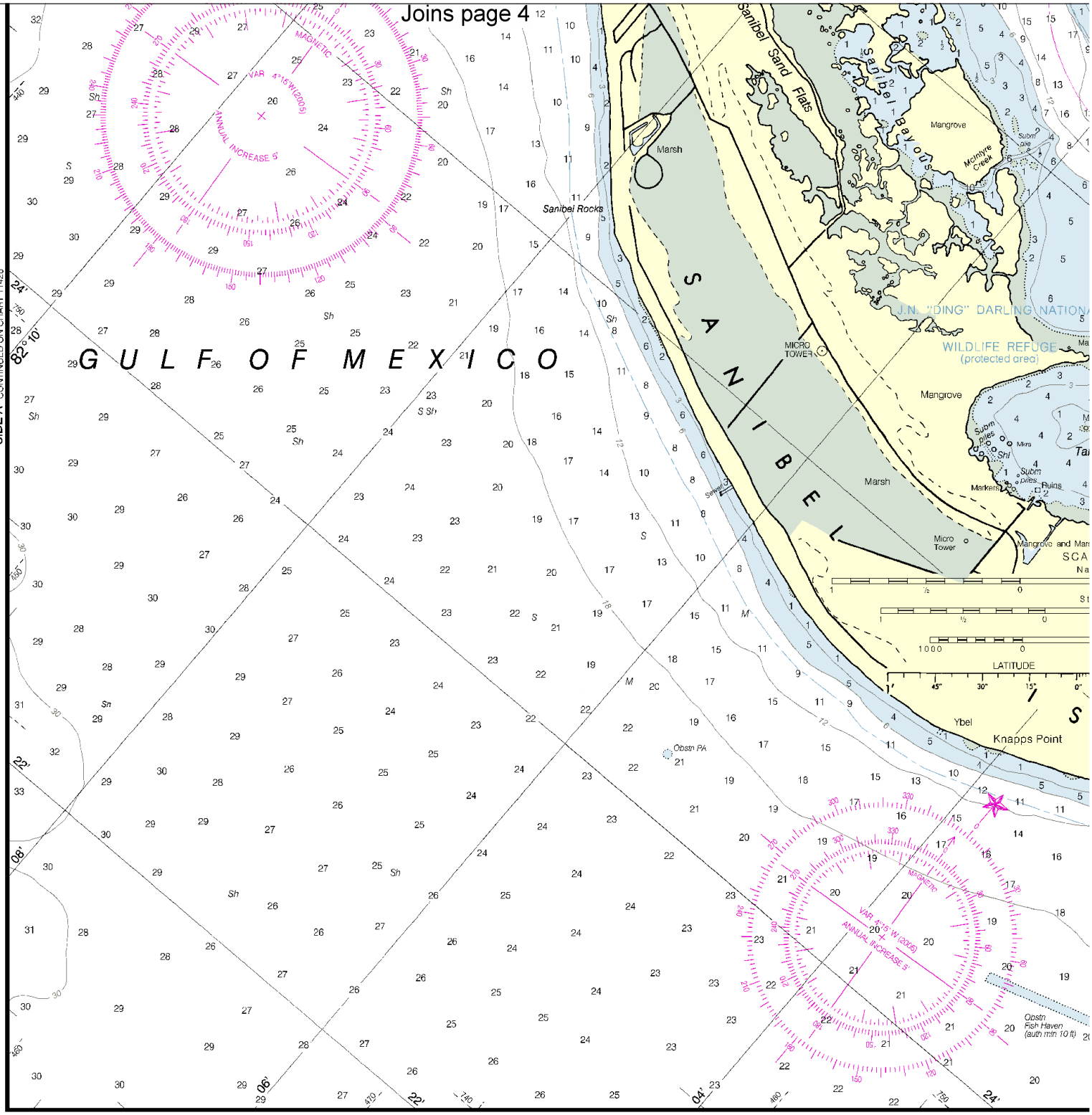
SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.noaa.gov.

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast
onal data from the Corps of Engineers, Geological
Coast Guard.

Joins page 4



SIDE A CONTINUED ON CHART 11426

11427 34th Ed., May/05; Corrected through NM May 21/05, LNM May 17/05

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

INTRACOASTAL WATERWAY
Project Depths
Toosahatchee River, FL to Anclote

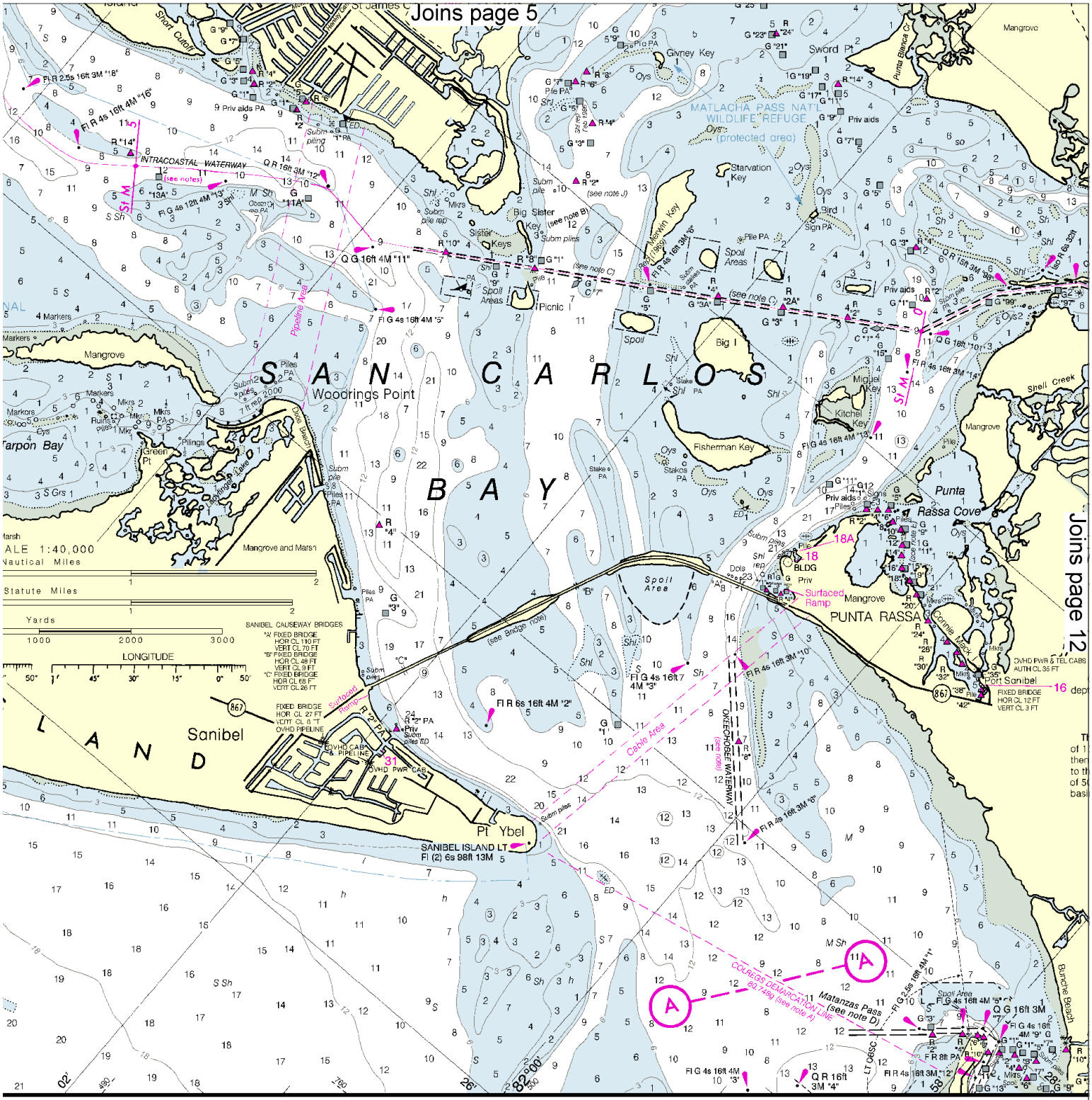
Joins page 16

Printed at reduced scale. ~~SCALE 1:40,000~~

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

See Note on page 5.



NOTE A

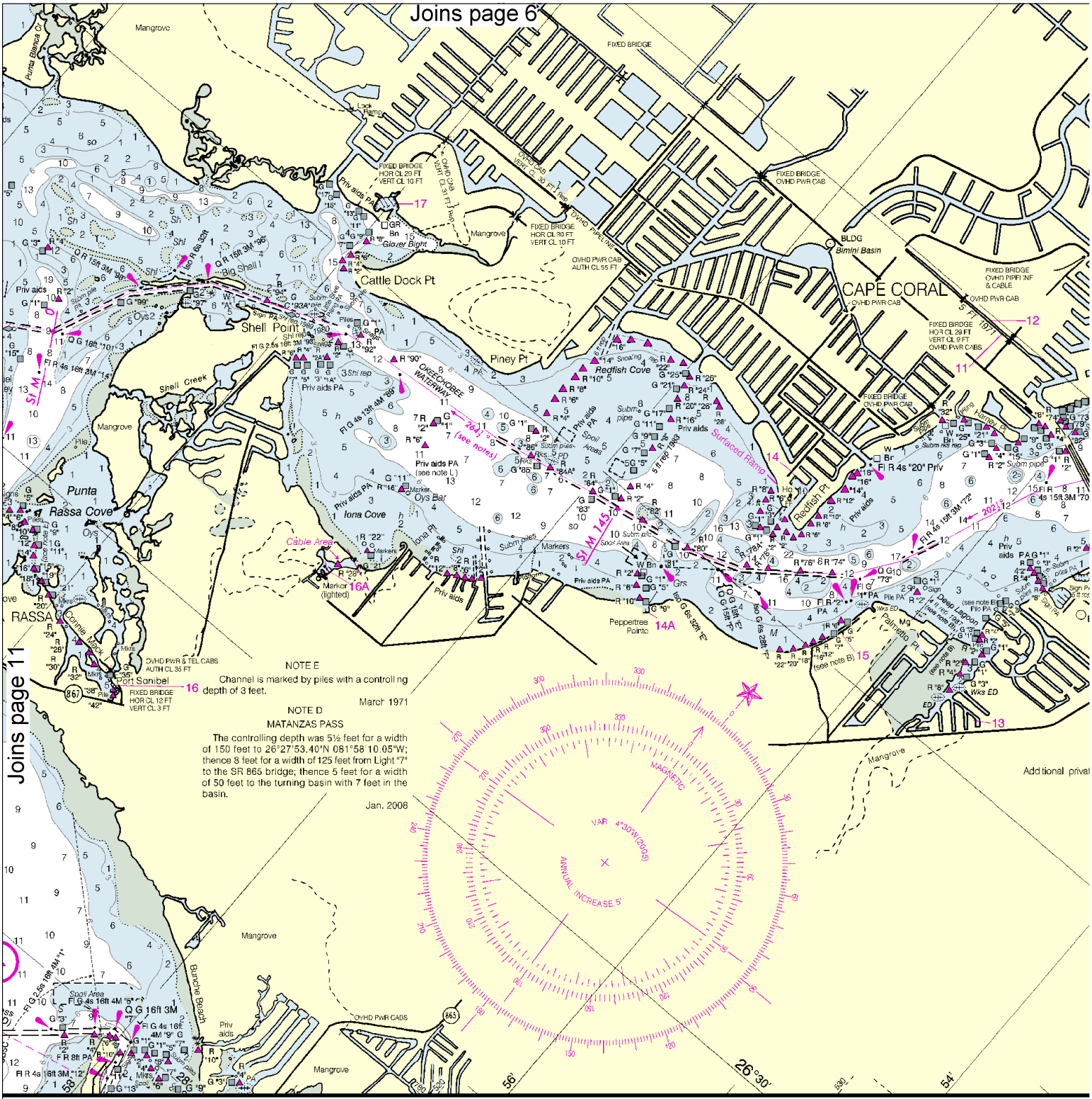
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 5. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 7th Coast Guard District in Miami, Florida, or at the Office of the District Engineer, Corps of Engineers in Jacksonville, Florida.

SAFETY HINTS

1. Keep your chart up to date by applying all Notices to Mariners corrections when you receive them.
2. Read carefully al notes printed on your chart, each is vital to your safety afloat.
3. Learn the meaning of each symbol and abbreviation

t shows the variation from

MARINE WEATHER F
NATIONAL WEATHEF
Melbourne, FL
Miami, FL
Key West, FL
Tampa, FL



MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Melbourne, FL	(321) 255-0212	8:00 AM-4:00 PM (Mon-Fri)
Miami, FL	(305) 229-4522	24 Hours daily
Key West, FL	(305) 295-1316	24 Hours daily
Tampa, FL	*(813) 645-2506	8:00 AM-4:00 PM (Mon-Fri)

MARINE WEATHER FORECASTS BY RADIO DIRECTLY FROM NATIONAL WEATHER SERVICE

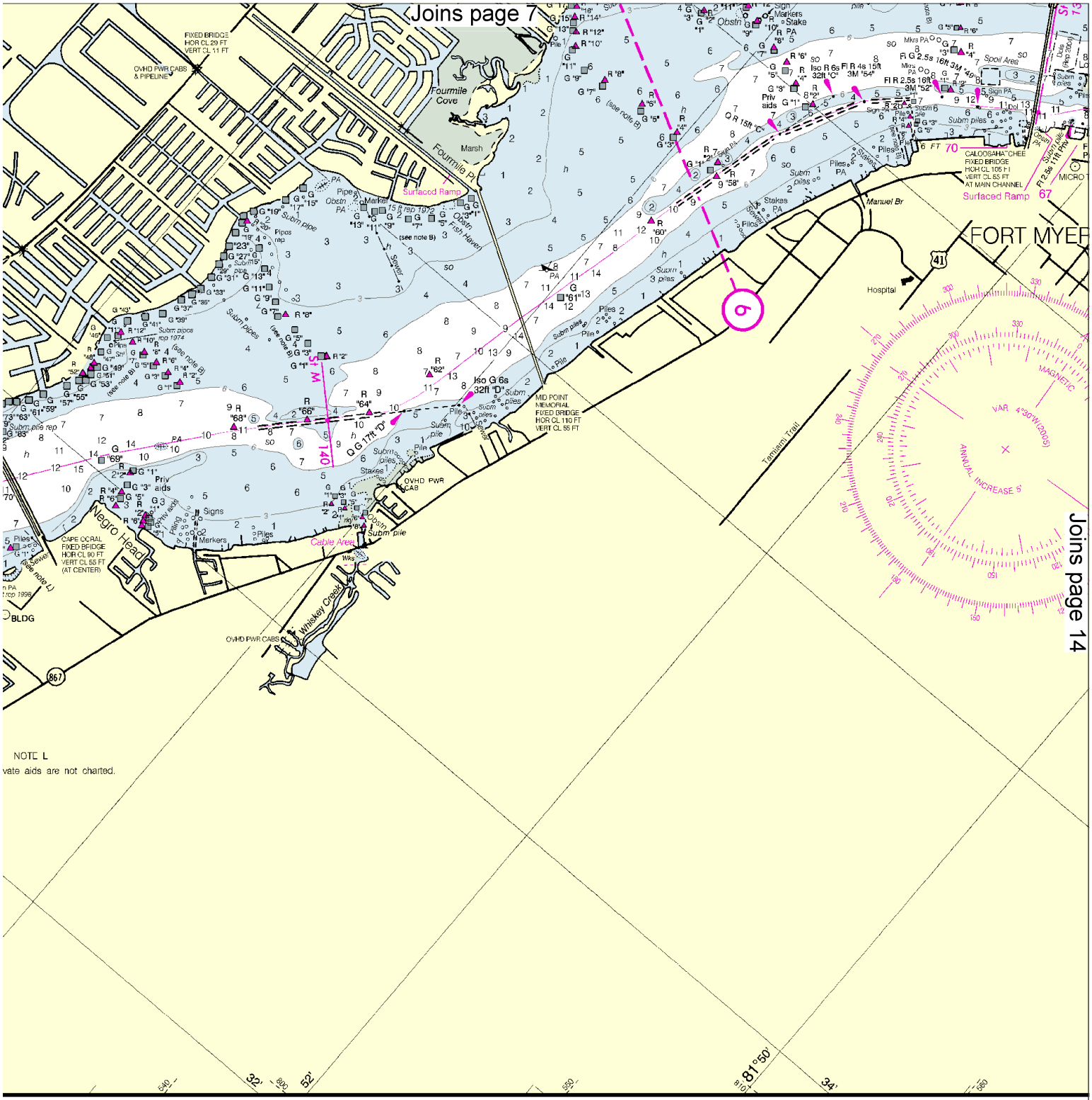
CITY	STATION	FREQ.	AM-LOCAL TIME	PM-LOCAL TIME	DAY
Key West, Fla.	WKIZ	1500 kHz	5:25, 7:15, 11:15	12:15, 5:15, 6:15	Daily
Key West, Fla.	WKWF	1600 kHz			

Joins page 18

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000



WEATHER RULES FOR SAFE BOATING

Before setting out:

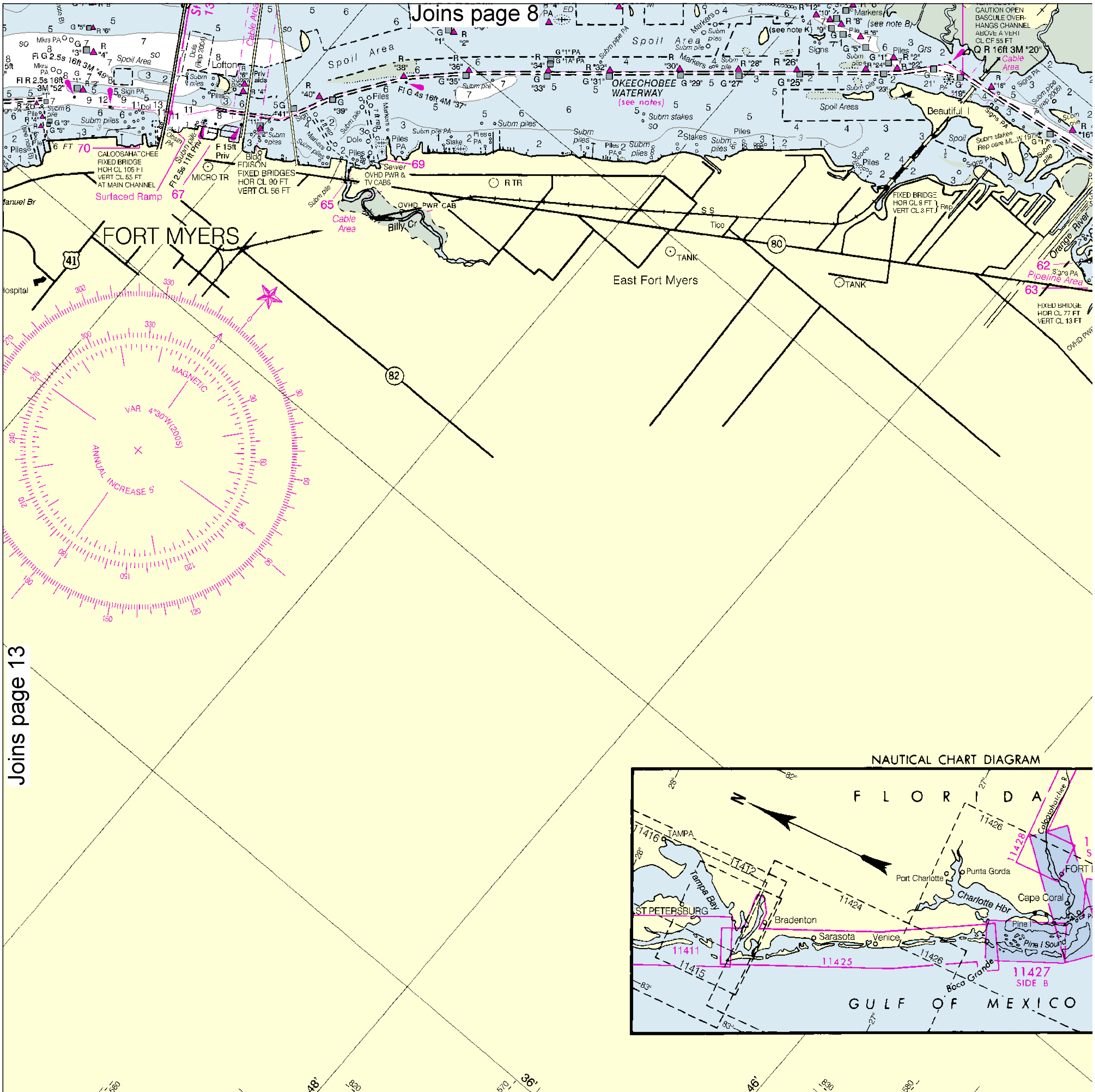
1. Check local weather and sea conditions.
2. Obtain the latest weather forecast for your area from radio broadcasts.

When warnings are in effect, don't go out unless you are confident your

MAY 2005				JUNE 2005				JULY 2005				AUGUST 2005			
Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1 Su	0241 1908	-0.3 2.2	6 M	0230 1918	0.1 1.3 1.4 1.9	1 W	0325 1008 1635 2233	0.5 2.0 0.6 1.6	16 Th	0236 0858 1552 2154	0.7 2.0 0.7 1.5	1 F	0336 0924 1730	1.2 2.4 0.1	16 Sa	0130 0812 1629	1.3 2.4 0.2	1 M	1023 1904	2.5 0.0	16 Tu	0940 1829	2.8 -0.3
						2 Th	0400 1052 1738	0.8 2.2 0.3	17 F	0312 0925 1654	1.0 2.1 0.3	2 Sa	1002 1825	2.5 -0.1	17 Su	0858 1730	2.5 -0.1	2 Tu	1118 1943	2.6 -0.1	17 W	1054 1919	2.9 -0.3

Joins page 19

Joins page 8



Joins page 13

ST. PETERSBURG, FLA.

Predicted times and heights of high and low water-Eastern Standard Time. For Daylight Saving time, add hour.
To predict local tide, apply the time difference listed in the facility tabulations to these tide predictions.

	AUGUST 2005	
Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.
1.3 2.4 0.2	1 1023 2.5 M 1904 0.0	16 0940 2.8 Tu 1829 -0.3
2.5 -0.1	2 1118 2.6 Tu 1943 -0.1	17 1054 2.9 W 1919 -0.3

SEPTEMBER 2005		OCTOBER 2005		NOVEMBER 2005		DECEMBER 2005	
Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.
1 0218 1.7 Th 0543 1.4 1208 2.6 1943 0.2	16 0135 1.8 F 0553 1.2 1208 2.8 1927 0.1	1 0104 1.9 Sa 0627 0.9 1242 2.4 1915 0.6	16 0037 2.2 Su 0654 0.4 1317 2.2 1903 0.9	0013 2.3 Tu 0730 0.0 1414 1.9 1856 1.3	16 0022 2.6 W 0819 -0.5 1549 1.5 1836 1.4	1 0803 -0.6 Th	16 0027 2.5 F 0853 -0.7
2 0220 1.7 F 0629 1.3 1247 2.6	17 0145 1.9 Sa 0649 0.9 1305 2.7	2 0108 2.0 Su 0705 0.7 1322 2.3	17 0052 2.4 M 0740 0.1 1413 2.1	2 0032 2.5 W 0809 -0.2 1506 1.0	17 0049 2.7 Th 0901 -0.5		

Joins page 20

JANUARY 2006		FEBRUARY 2006		MARCH 2006	
Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.	Day Time h.m. Ht. ft.
1 0110 2.6 Su 0936 -1.0 1733 1.2 1941 1.1	16 0152 2.1 M 0946 -0.5 1646 1.1 2033 0.8	1 0317 2.0 W 1018 -0.3 1643 1.5 2221 0.3	16 0319 1.7 Th 0949 0.0 1555 1.8 2208 0.2	1 0227 2.0 W 0904 -0. 1510 1.7 2117 0.0	16 0235 1.7 Th 0839 0.3 1429 1.8 2109 0.0
2 0207 2.5 M 1019 -0.8 1740 1.2	17 0236 2.0 Tu 1014 -0.4 1653 1.2	2 0420 1.7 Th 1045 0.0 1705 1.7	17 0408 1.5 F 1009 0.2 1014 1.7	2 0326 1.7 Th 0927 0.2 1531 1.9	17 0320 1.5 F 0856 0.5 1447 2.0

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

Joins page 9

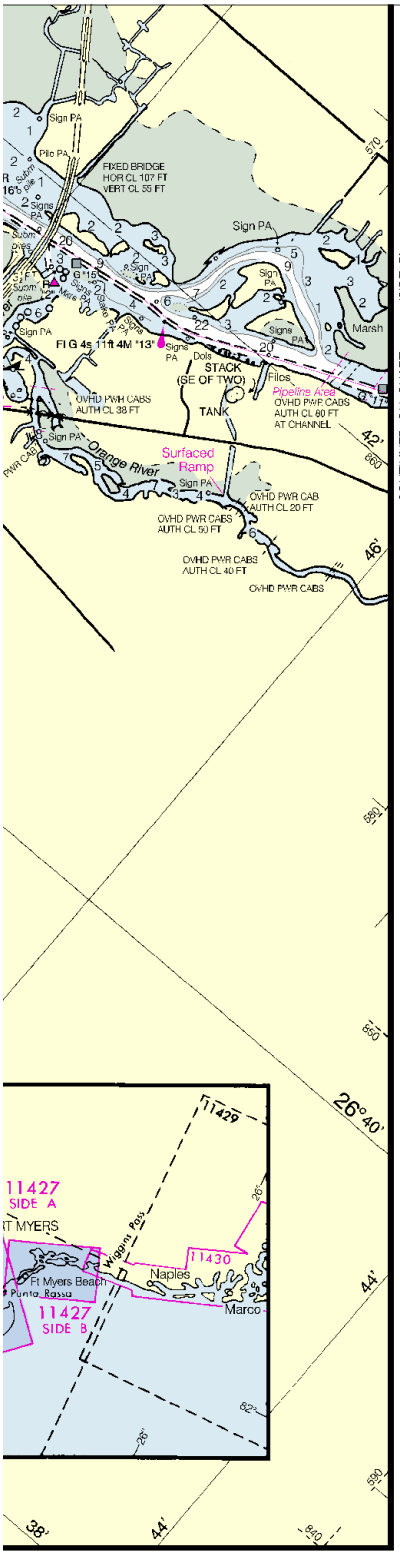


Chart 11427, 34th Ed., May/05 ■
Corrected through NM May 21/05, LNM May 17/05

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

Mercator Projection at Scale 1:40,000

North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Additional information can be obtained at nauticalcharts.ncaa.gov.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 5 for important supplemental information.

SIDE A

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum (NAD 83), which for charting purposes is considerd equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 1.272" northward and 0.680" eastward to agree with this chart.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

CAUTION

This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner.

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):

AERO aeronautical	G green	Mo morse code	R TR radio tower
Al alternating	IQ interrupted quick	N fog horn	Rot rotating
B black	Iso isophase	OBSC obscured	s seconds
Bn beacon	LT HO lighthouse	Oc occulting	SEC sector
C can	M nautical mile	Or orange	St M statute miles
DIA diaphone	m minutes	Q quick	VQ very quick
F fixed	MICRO TR microwave tower	R red	W white
Fl flashing	Mkr marker	Ra Ref radar reflector	WHIS whistle
		R Bn radiobeacon	Y yellow

Bottom characteristics:

Blds boulders	Co coral	gy gray	Oys oysters	so soft
bk broken	G gravel	h hard	Rk rock	Sh shells
Cy clay	Grs grass	M mud	S sand	sy sticky

Miscellaneous:

AUTH authorized	Obstn obstruction	PD position doubtful	Subm submerged
ED existence doubtful	PA position approximate	Rep reported	

21 Wreck, rock, obstruction, or shoal swept clear to the depth indicated.
(2) Rocks that cover and uncover, with heights in feet above datum of soundings.
COLREGS: International Regulations for Preventing Collisions at Sea, 1972.
Demarcation lines are shown thus: — — — —

FACILITIES

Locations of public marine facilities are shown by large magenta numbers with leaders and refer to the facility tabulation.

NSN 7642014010237
NGA REFERENCE NO. 11XHA11427
ED. NO. 34

11427

APRIL 2006

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0448	1.3	16	0432	1.4
S	0838	1.0	Su	0810	1.1
	1458	-0.5		1419	-0.5
	2256	+0.5		2224	+0.5
2	0615	1.1	17	0547	1.3
M	0931	1.0	M	0919	1.2
	1531	-0.5		1454	-0.5

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Joins page 21

Joins page 10

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

CAUTION

Improved channels shown by broken lines are subject to shoaling, particularly at the edges.

CAUTION

Small craft should stay clear of large commercial and government vessels even if small craft have the right-of-way.

All craft should avoid areas where the skin divers flag, a red square with a diagonal white stripe, is displayed.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

INTRACOASTAL WATERWAY

Project Depths

9 feet Caloosahatchee River, FL to Anclote River, FL.

The controlling depths are published periodically in the U.S. Coast Guard Local Notice to Mariners.

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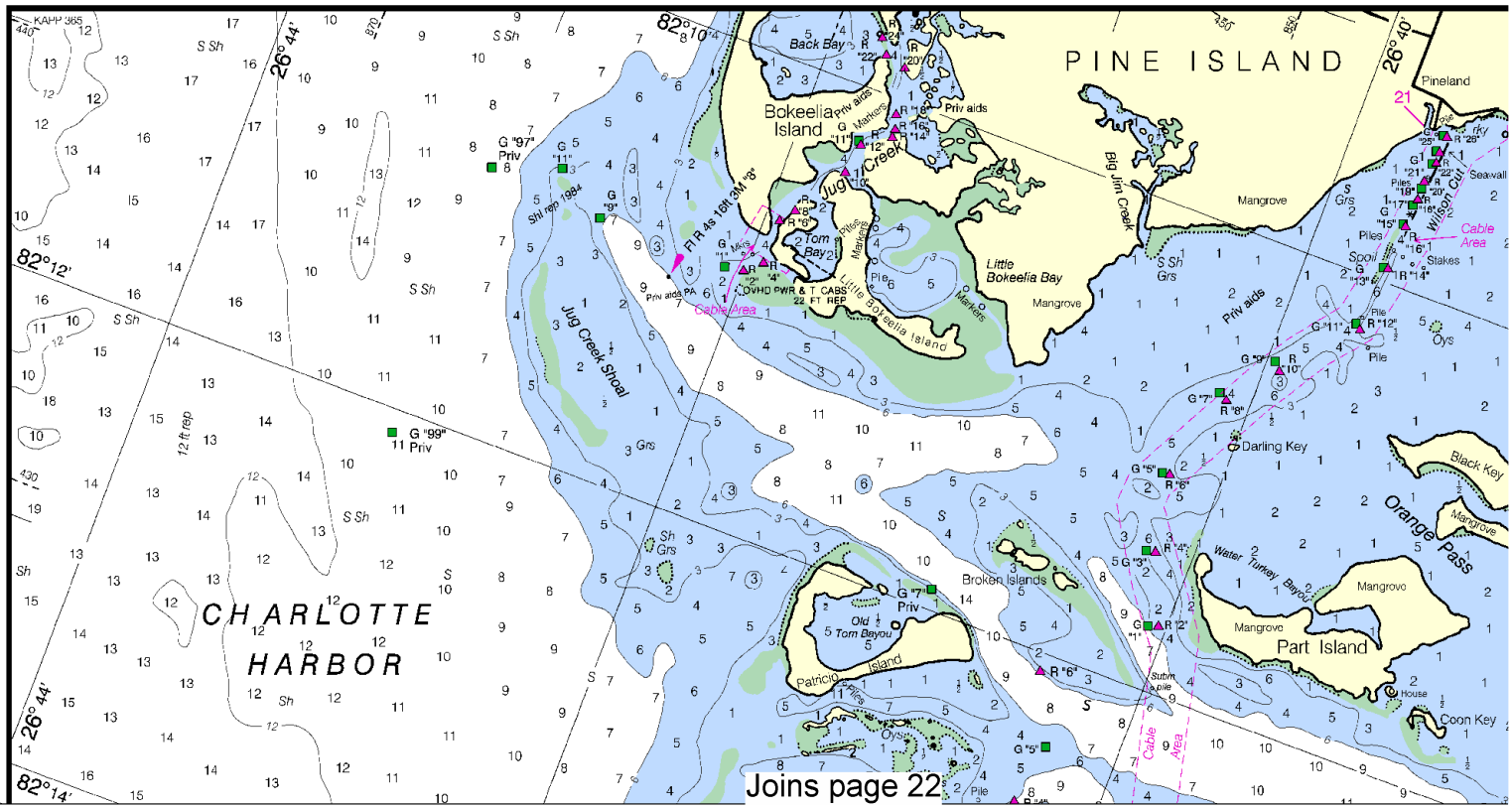
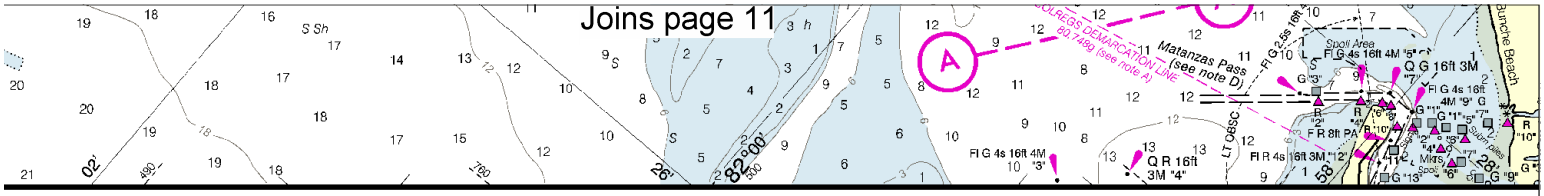


Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000



NOTE A

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Refer to charted regulation section numbers.

PLANE COORDINATE GRID

(based on NAD 1927)

The Florida State Grid, west zone, is indicated on this chart at 10,000 foot intervals thus: ⊣+⊢

The last three digits are omitted.

CAUTION

BASCULE BRIDGE CLEARANCES

For bascule bridges, whose spans do not open to a full upright or vertical position, unlimited vertical clearance is not available for the entire charted horizontal clearance.

SAFETY HINTS

1. Keep your chart up to date by applying all Notices to Mariners corrections when you receive them.
2. Read carefully al notes printed on your chart, each is vital to your safety afloat.
3. Learn the meaning of each symbol and abbreviation on your chart from Chart No. 1.
4. The compass on your chart shows the variation from true north however, you must also correct your bearing for the deviation of your boat.
5. Constantly use your chart from the beginning to end of each trip. Keep in mind the orientation of your boat with respect to the chart.
6. Maintain your position on the chart by relating charted features with those you can identify in your surroundings.

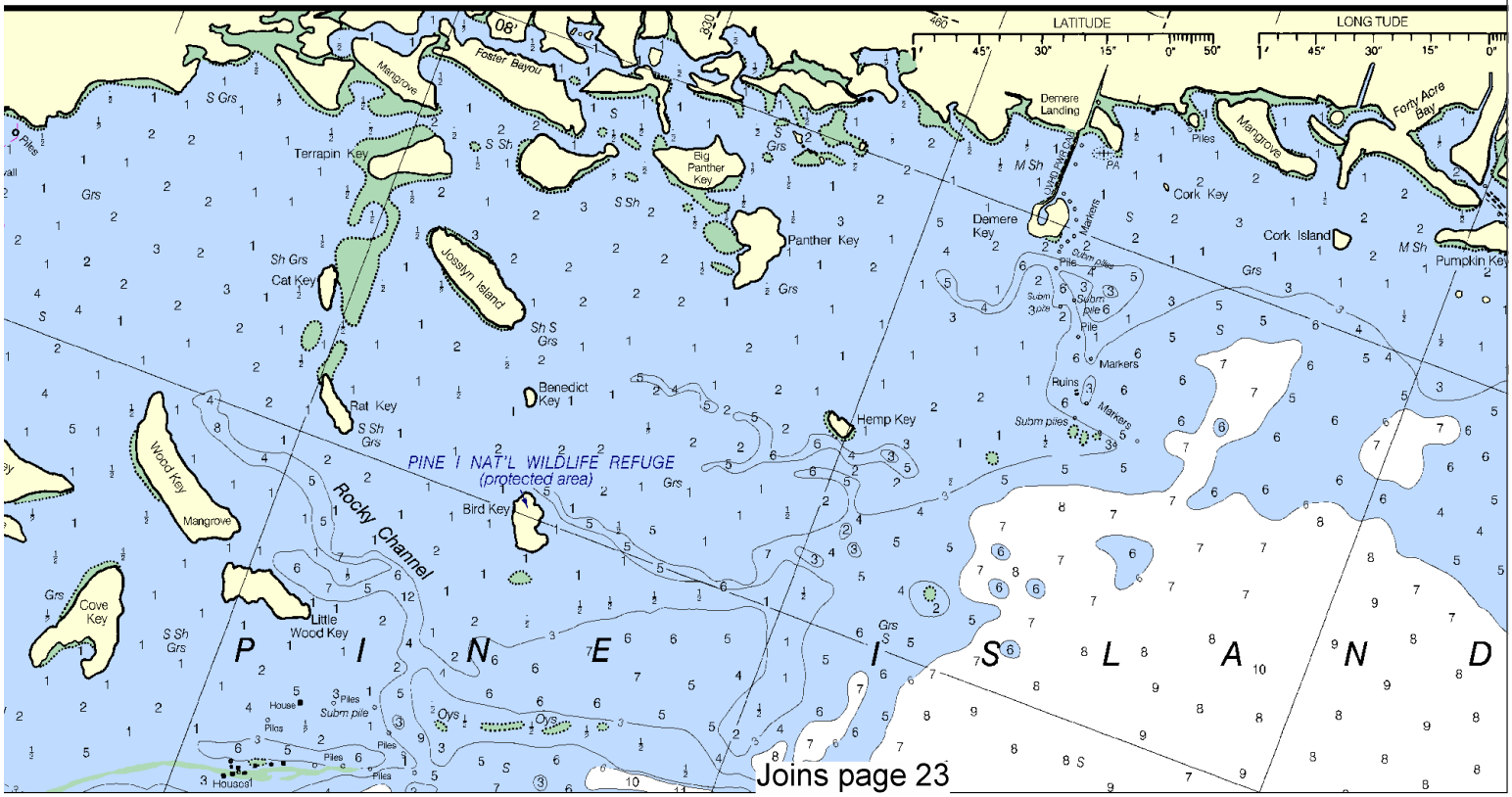
MARINE WEATHER F
NATIONAL WEATHE
Melbourne, FL
Miami, FL
Key West, FL
Tampa, FL

*Recorded

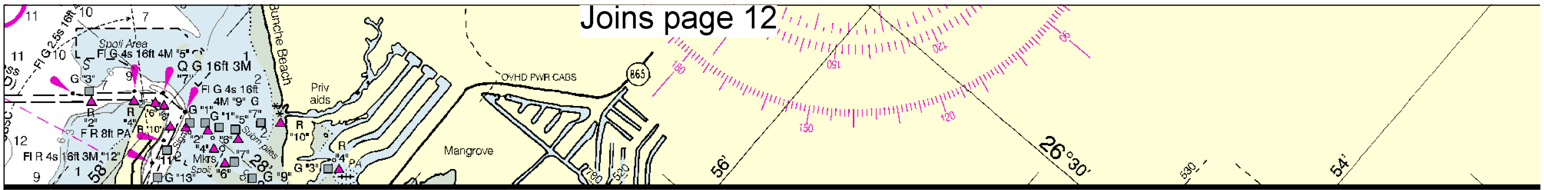
NOAA WEATHER RA
CITY ST
Fort Myers, FL W
Venice, FL W

PUBLIC E
The United S
Auxiliary (USCG
boating instruc
States. For infor
following sourc
USPS Loc
Office Box 304
USCGAUX
33130, 305-35
D.C. 20593-00

Joins page 18



Joins page 12



MARINE WEATHER FORECASTS BY RADIO DIRECTLY FROM NATIONAL WEATHER SERVICE

CITY	STATION	FREQ.	AM-LOCAL TIME	PM-LOCAL TIME	DAY
Key West, Fla.	WKIZ	1500 kHz	5:25, 7:15, 11:15	12:15, 5:15, 6:15	Daily
Key West, Fla.	WKWF	1600 kHz			

MARINE WEATHER FORECASTS

NATIONAL WEATHER SERVICE	TELEPHONE NUMBERS	OFFICE HOURS
Melbourne, FL	(321) 255-0212	8:00 AM-4:00 PM (Mon-Fri)
Miami, FL	(305) 229-4522	24 Hours daily
Key West, FL	(305) 295-1316	24 Hours daily
Tampa, FL	*(813) 645-2506	8:00 AM-4:00 PM (Mon-Fri)

*Recorded

NOAA WEATHER RADIO BROADCASTS

CITY	STATION	FREQ. MHz	BROADCAST TIMES
Fort Myers, FL	WXK-83	162.475	24 Hours daily
Venice, FL	WWG-59	162.40	24 Hours daily

BROADCASTS OF MARINE WEATHER FORECASTS AND WARNINGS BY MARINE RADIOTELEPHONE STATIONS

CITY	STATION	FREQ.	DAILY BROADCAST-EST	SPECIAL WARNING
St. Petersburg, Fla.	NMA-21	†2670 kHz	9:20 AM & 10:20 PM	On receipt
		+157.1 MHz	8:00 AM & 6:00 PM	On receipt

†Preceded by announcement on 2182 kHz
+Preceded by announcement on 156.8 MHz

Distress calls for small craft are made on 2182 kHz or channel 16 (156.80 MHz) VHF.

PUBLIC BOATING INSTRUCTION PROGRAMS

The United States Power Squadrons (USPS) and U.S. Coast Guard Auxiliary (USCGAUX), national organizations of boatmen, conduct extensive boating instruction programs in communities throughout the United States. For information regarding these educational courses, contact the following sources:

USPS — Local Squadron Commander or USPS Headquarters, Post Office Box 30423, Raleigh, N.C. 27612, 919-821-0281.

USCGAUX — 7th Coast Guard District, 51 Southwest Ave., Miami, FL 33130, 305-350-5697 or USCG Headquarters (G-BUA), Washington, D.C. 20593-0001.

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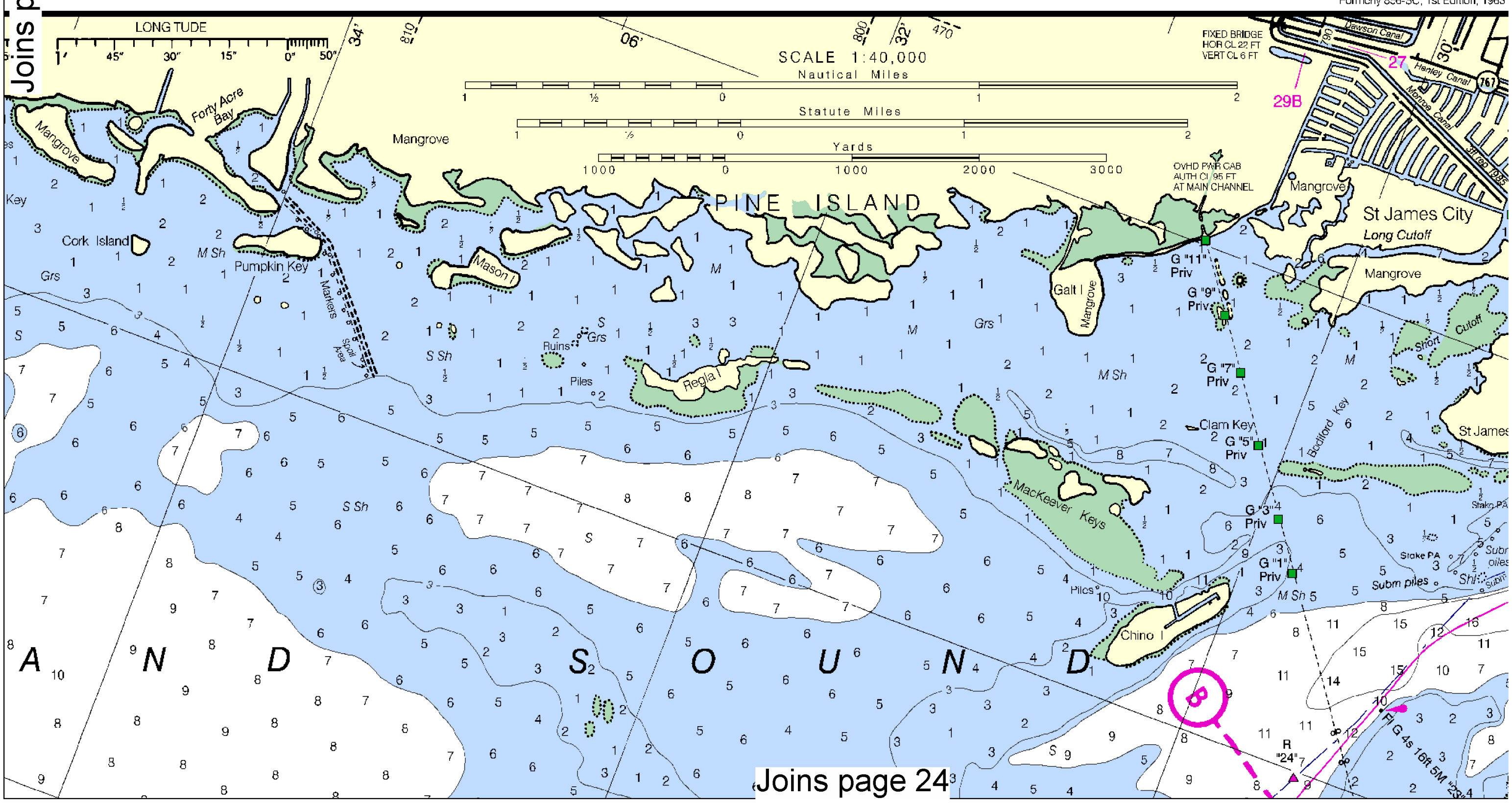
Formerly 856-SC, 1st Edition, 1963



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Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles

Yards

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WEATHER RULES FOR SAFE BOATING

Before setting out:

1. Check local weather and sea conditions.
2. Obtain the latest weather forecast for your area from radio broadcasts.

When warnings are in effect, don't go out unless you are confident your boat can be navigated safely under forcast conditions of wind and sea.

While afloat:

1. Keep a weather eye out for:
   A. A sudden vertical cumulus cloud development
   B. A sudden change in wind direction
   C. A sudden noticeable increase in wind velocity
   D. A drop in temperature
2. Be alert to heavy static on your AM radio which may indicate approaching thunderstorms
3. Check radio weather broadcasts for latest forcasts and warnings

Thundersqualls often occur on warm, moist afternoons and are a great hazard to the mariner. They can have wind gusts up to 80 mph and hit almost without warning. To survive a squall, you must prevent being capsized or blow to leeward into danger.

MAY 2005

Day	Time	Ht. ft.	Day	Time	Ht. ft.
1 Su	0241 1908	-0.3 2.2	16 M	0230 1918 1336 1902	0.1 1.5 1.4 1.9
2 M	0341 1122 1509 2050	-0.2 1.6 1.3 2.0	17 Tu	0317 1025 1517 2051	0.3 1.6 1.6 1.8
3 Tu	0429 1129 1536 2305	0.0 1.7 1.0 1.8	18 W	0357 1036 1627 2317	0.4 1.7 0.9 1.7
4 W	0508 1143 1741 2343	0.2 1.9 0.6 1.8	19 Th	0432 1048 1720 2333	0.6 1.8 0.5 1.6
5 Th	0539 1136 1833	0.5 2.1 0.2	20 F	0503 1104 1809	0.8 2.1 0.2
6 F	0049 0604 1214 1918	1.7 0.9 2.3 -0.1	21 Sa	0040 0530 1123 1853	1.6 1.0 2.3 -0.1
7 Sa	0138 0625 1231 1959	1.6 1.0 2.4 -0.2	22 Su	0144 0551 1146 1938	1.6 1.2 2.3 -0.4
8 Su	0246 0642 1251 2040	1.4 1.1 2.5 -0.3	23 M	0254 0606 1215 2026	1.3 1.4 2.1 -0.5
9 M	0346 0653 1315 2120	1.4 1.2 2.5 -0.3	24 Tu	1251 2117	2.3 0.6
10 Tu	0433 0657 1344 2204	1.3 1.2 2.6 -0.3	25 W	1334 2212	2.3 -0.6
11 W	1418 2251	2.6 -0.2	26 Th	1425 2310	2.3 -0.6
12 Th	1459 2344	2.5 -0.2	27 F	1524	2.6
13 F	1549	2.4	28 Sa	0509 1631	-0.4 2.6
14 Sa	0040 1648	-0.1 2.3	29 Su	0106 0910 1726 1748	-0.3 1.3 1.4 2.3
15 Su	0137 1759	0.0 2.1	30 M	0159 0923 1325 1915	0.0 1.6 1.3 2.0
			31 Tu	0245 0944 1515 2052	0.2 1.8 1.0 1.7

JUNE 2005

Day	Time	Ht. ft.	Day	Time	Ht. ft.
1 W	0325 1008 1635 2235	0.5 2.0 0.6 1.6	16 Th	0236 0858 1552 2154	0.7 2.0 0.7 1.5
2 Th	0400 1032 1738	0.8 2.2 0.3	17 F	0312 0925 1654 2335	1.0 2.1 0.3 1.5
3 F	0206 0430 1056 1839	1.5 1.0 2.4 0.0	18 Sa	0343 0955 1749	1.2 2.3 0.0
4 Sa	0124 0455 1121 1914	1.4 1.2 2.3 -0.2	19 Su	0109 0419 1026 1842	1.5 1.4 2.6 -0.3
5 Su	0238 0513 1147 1954	1.4 1.3 2.6 -0.3	20 M	1157 1933	2.8 -0.5
6 M	1215 2034	2.7 -0.3	21 Tu	1151 2025	2.9 -0.6
7 Tu	1246 2113	2.7 -0.3	22 W	1240 2117	3.0 -0.7
8 W	1322 2154	2.7 -0.2	23 Th	1333 2206	3.1 -0.6
9 Th	1404 2238	2.7 0.2	24 F	1432 2257	3.0 -0.5
10 F	1450 2318	2.6 -0.1	25 Sa	0549 1553 1535 2343	1.5 3.1 2.6 -0.3
11 Sa	1541	2.5	26 Su	0752 1057 1642	1.5 1.3 2.5
12 M	0000 0728 1309 1936	0.0 1.5 1.4 2.3	27 M	0025 0723 1250 1754	0.0 1.7 1.2 2.1
13 Tu	0041 0747 1142 1740	0.1 1.6 1.3 2.1	28 Tu	0123 0747 1323 1915	0.3 1.9 1.0 1.8
14 W	0120 0810 1218 1852	0.3 1.7 1.2 1.9	29 Th	0137 0816 1353 2057	0.7 2.1 0.7 1.5
15 Th	0159 0833 1441 2018	0.5 1.8 1.0 1.7	30 F	0206 0849 1623 2307	1.0 2.3 0.4 1.4

JULY 2005

Day	Time	Ht. ft.	Day	Time	Ht. ft.
1 F	0236 0924 1730	1.2 2.4 0.1	16 Sa	0130 0812 1629	1.3 2.4 0.2
2 Sa	1002 1825	2.5 -0.1	17 Su	0858 1736	2.5 -0.1
3 Su	1042 1911	2.6 -0.2	18 M	0953 1836	2.7 -0.3
4 M	1121 1952	2.6 -0.2	19 Tu	1051 1931	2.9 -0.5
5 Tu	1200 2030	2.7 -0.2	20 W	1149 2021	3.0 -0.6
6 W	1240 2106	2.7 -0.2	21 Th	1246 2107	3.1 -0.5
7 Th	1321 2139	2.7 -0.1	22 F	0445 0703 1343 2149	1.5 1.4 3.1 -0.4
8 F	1403 2211	2.7 -0.1	23 Sa	0457 0617 1442 2228	1.5 1.3 2.9 -0.2
9 Su	0325 0800 1448 2243	1.4 1.3 2.6 0.0	24 M	0513 0628 1542 2300	1.6 1.1 2.6 0.1
10 Tu	0337 0922 1515 2314	1.5 1.3 2.5 0.1	25 W	0532 1030 1648 2331	1.8 1.0 2.3 0.5
11 Th	0553 1024 1627 2344	1.6 1.2 2.3 0.3	26 F	0555 1154 1754 2357	2.0 0.8 1.9 0.8
12 Sa	0613 1131 1724	1.8 1.1 2.0	27 Su	0622 1313 1916	2.2 0.8 1.8
13 M	0018 0636 1243 1831	0.5 1.8 0.9 1.8	28 Tu	0017 0655 1436 2124	1.1 2.3 0.5 1.4
14 W	0042 0703 1359 1955	0.8 2.1 0.7 1.6	29 Th	0020 0734 1603	1.3 2.4 0.3
15 F	0109 0734 1516 2152	1.0 2.2 0.5 1.4	30 Sa	0122 1717	2.5 0.1
			31 Su	0221 1817	2.5 0.0

AUGUST 2005

Day	Time	Ht. ft.	Day	Time	Ht. ft.
1 M	1023 1904	2.5 0.0	16 Tu	0940 1829	2.8 -0.9
2 Tu	1118 1942	2.6 -0.1	17 W	1054 1919	2.9 -0.3
3 W	1205 2015	2.6 -0.1	18 Th	0257 0524 1156 2007	1.6 1.5 3.0 -0.3
4 Th	0343 0611 1246 2044	1.5 1.3 2.7 0.0	19 F	0308 0532 1256 2039	1.6 1.3 3.0 -0.2
5 F	0345 0700 1324 2109	1.5 1.3 2.7 0.1	20 Sa	0314 0733 1352 2112	1.7 1.1 2.9 0.1
6 Sa	0330 0748 1403 2134	1.6 1.2 2.6 0.2	21 Su	0328 0932 1448 2141	1.8 0.9 2.7 0.4
7 Su	0357 0838 1445 2158	1.6 1.1 2.5 0.3	22 M	0346 0931 1546 2206	2.0 0.7 2.4 0.7
8 M	0411 0924 1529 2222	1.8 1.0 2.4 0.5	23 Tu	0407 1030 1646 2226	2.2 0.5 2.2 1.0
9 W	0429 1011 1619 2246	1.9 0.9 2.2 0.7	24 Th	0433 1133 1758 2243	2.3 0.4 1.7 1.2
10 Th	0431 1108 1716 2308	2.1 0.7 2.0 0.9	25 F	0503 1243 1930 2338	2.5 0.4 1.5 1.4
11 Sa	0516 1209 1824 2327	2.2 0.6 1.7 1.1	26 Su	0539 F 1404	2.5 0.4
12 M	0545 F 1322 1846 2336	2.3 0.5 1.5 1.3	27 Tu	0624 Sa 1535	2.5 0.3
13 Tu	0622 Sa 1447	2.4 0.3	28 W	0727 Su 1657	2.4 0.3
14 W	0713 Su 1813	2.5 0.1	29 Th	0854 M 1757	2.4 0.2
15 Th	0822 M 1728	2.6 -0.1	30 F	1020 Tu 1842	2.5 0.1
			31 Sa	0220 W 0445 1132 1916	1.7 1.8 2.5 0.1

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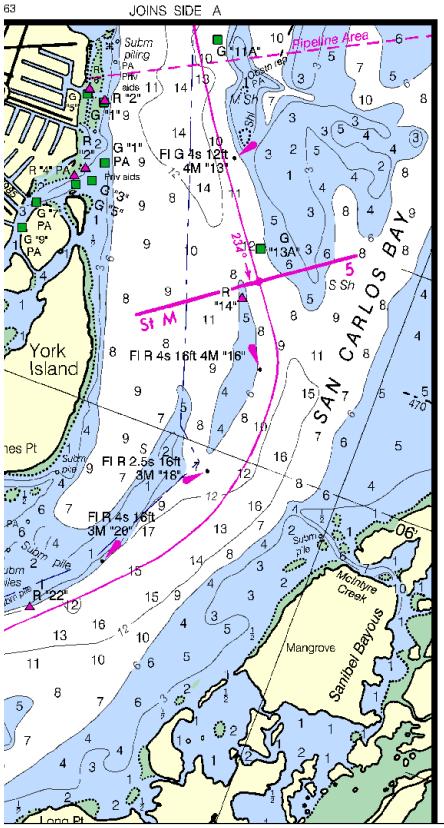
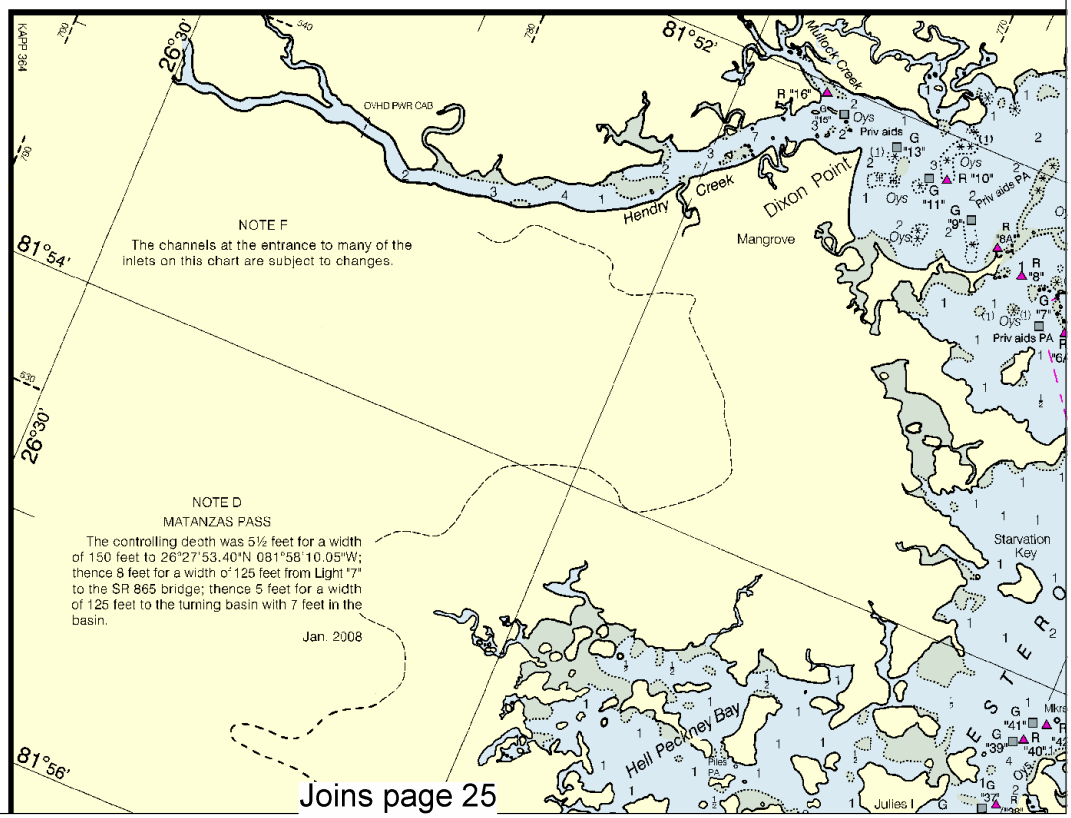
JOINS SIDE A





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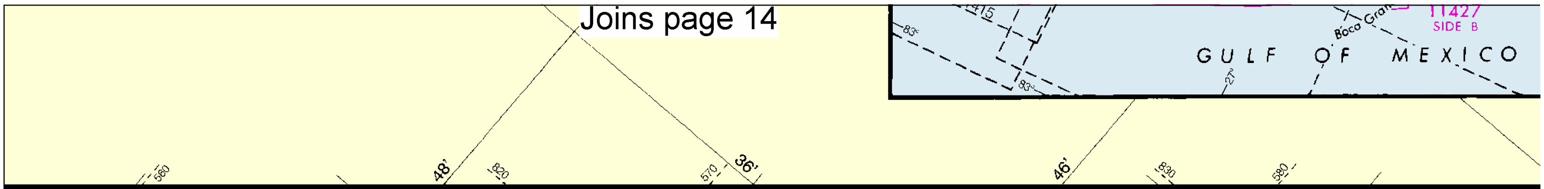
Joins page 14



ST. PETERSBURG, FLA.

Predicted times and heights of high and low water-Eastern Standard Time. For Daylight Saving time, add hour.
To predict local tide, apply the time difference listed in the facility tabulations to these tide predictions.

Ht. ft.
1.3
2.4
0.2
2.5
-0.1
2.7
-0.3
2.9
-0.5
3.0
-0.6
3.1
-0.5
1.5
1.4
3.1
-0.4
1.5
1.3
2.9
-0.2
1.6
1.1
2.6
0.1
1.8
1.0
2.3
0.5
2.0
0.8
1.9
0.9
2.2
0.6
1.6
1.1
2.3
0.5
1.4
1.3
2.4

AUGUST 2005

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	1023	2.5	16	0940	2.8
M	1904	0.0	Tu	1629	-0.3
2	1118	2.6	17	1054	2.9
Tu	1943	-0.1	W	1919	-0.3
3	1205	2.6	18	0257	1.6
W	2016	-0.1	Th	0524	1.5
				1156	3.0
				2002	-0.3
4	0343	1.5	19	0303	1.6
Th	0611	1.4	F	0632	1.3
	1246	2.7		1256	3.0
	2044	0.0		2039	-0.2
5	0345	1.5	20	0314	1.7
F	0700	1.3	Sa	0733	1.1
	1324	2.7		1352	2.9
	2109	0.1		2112	0.1
6	0350	1.6	21	0328	1.8
Sa	0748	1.2	Su	0832	0.9
	1403	2.6		1448	2.7
	2134	0.2		2141	0.4
7	0357	1.6	22	0346	2.0
Su	0835	1.1	M	0931	0.7
	1445	2.5		1546	2.4
	2158	0.3		2206	0.7
8	0411	1.8	23	0407	2.2
M	0924	1.0	Tu	1030	0.5
	1529	2.4		1648	2.0
	2222	0.5		2228	1.0
9	0429	1.9	24	0433	2.3
Tu	1014	0.9	W	1133	0.4
	1619	2.2		1758	1.7
	2246	0.7		2243	1.2
10	0451	2.1	25	0503	2.5
W	1108	0.7	Th	1243	0.4
	1716	2.0		1930	1.5
	2308	0.9		2238	1.4
11	0516	2.2	26	0539	2.5
Th	1209	0.6	F	1404	0.4
	1824	1.7			
	2327	1.1			
12	0545	2.3	27	0624	2.5
F	1322	0.5	Sa	1535	0.3
	1956	1.5			
	2336	1.3			
13	0622	2.4	28	0727	2.4
Sa	1447	0.3	Su	1657	0.3
14	0713	2.5	29	0854	2.4
Su	1613	0.1	M	1757	0.2
15	0822	2.6	30	1020	2.5
M	1728	-0.1	Tu	1842	0.1
			31	0220	1.7
			W	0445	1.8
				1122	2.5
				1916	0.1

SEPTEMBER 2005

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0218	1.7	16	0135	1.8
Th	0543	1.4	F	0553	1.2
	1208	2.6		1208	2.8
	1943	0.2		1927	0.1
2	0220	1.7	17	0145	1.9
F	0629	1.3	Sa	0649	0.9
	1247	2.6		1305	2.7
	2006	0.3		1956	0.4
3	0223	1.7	18	0157	2.0
Sa	0711	1.1	Su	0741	0.6
	1324	2.6		1359	2.5
	2026	0.4		2023	0.7
4	0228	1.8	19	0212	2.2
Su	0751	0.9	M	0832	0.4
	1401	2.5		1455	2.3
	2047	0.6		2045	0.9
5	0238	2.0	20	0231	2.4
M	0831	0.8	Tu	0922	0.2
	1442	2.4		1553	2.1
	2108	0.7		2105	1.2
6	0253	2.1	21	0254	2.5
Tu	0913	0.6	W	1013	0.2
	1527	2.2		1657	1.8
	2128	0.9		2118	1.4
7	0313	2.3	22	0321	2.6
W	0957	0.5	Th	1108	0.2
	1619	2.0		1814	1.6
	2147	1.1		2120	1.5
8	0336	2.4	23	0352	2.5
Th	1046	0.4	F	1211	0.2
	1719	1.6			
	2203	1.3			
9	0405	2.5	24	0431	2.6
F	1145	0.3	Sa	1328	0.3
	1837	1.6			
	2213	1.4			
10	0441	2.6	25	0522	2.5
Sa	1300	0.3	Su	1457	0.4
11	0528	2.6	26	0643	2.3
Su	1431	0.2	M	1618	0.4
12	0636	2.6	27	0832	2.3
M	1601	0.1	Tu	1716	0.3
13	0810	2.6	28	0105	1.7
Tu	1714	0.0	W	0345	1.6
				1008	2.3
				1757	0.3
14	0946	2.7	29	0058	1.7
W	1808	-0.1	Th	0455	1.4
				1112	2.4
				1829	0.4
15	0130	1.8	30	0100	1.8
Th	0447	1.5	F	0545	1.2
	1104	2.8		1201	2.4
	1851	0.0		1853	0.5

OCTOBER 2005

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0104	1.9	16	0037	2.2
Sa	0627	0.9	Su	0654	0.4
	1242	2.4		1317	2.2
	1913	0.6		1903	0.9
2	0108	2.0	17	0052	2.4
Su	0705	0.7	M	0740	0.1
	1322	2.3		1413	2.1
	1935	0.8		1925	1.1
3	0116	2.1	18	0110	2.5
M	0742	0.5	Tu	0825	-0.1
	1402	2.2		1510	1.9
	1954	1.0		1944	1.3
4	0129	2.3	19	0132	2.7
Tu	0820	0.3	W	0910	-0.2
	1446	2.1		1612	1.7
	2012	1.1		1957	1.5
5	0147	2.4	20	0156	2.7
W	0859	0.2	Th	0956	-0.1
	1536	2.0		1723	1.6
	2030	1.3		2003	1.5
6	0209	2.6	21	0226	2.7
Th	0943	0.1	F	1047	-0.1
	1634	1.8			
	2045	1.4			
7	0238	2.7	22	0301	2.7
F	1034	0.0	Sa	1144	0.1
	1749	1.7			
	2056	1.5			
8	0314	2.7	23	0345	2.5
Sa	1136	0.0	Su	1252	0.2
9	0359	2.7	24	0444	2.4
Su	1253	0.1	M	1406	0.3
10	0500	2.6	25	0611	2.2
M	1420	0.1	Tu	1515	0.3
				2347	1.6
11	0627	2.5	26	0156	1.5
Tu	1539	0.1	W	0757	2.1
				1609	0.4
				2329	1.7
12	0815	2.4	27	0339	1.4
W	1642	0.1	Th	0935	2.0
				1651	0.5
				2334	1.8
13	0007	1.8	28	0444	1.1
Th	0354	1.5	F	1049	2.0
	0954	2.4		1724	0.6
	1729	0.2		2341	1.9
14	0013	1.9	29	0533	0.8
F	0506	1.1	Sa	1146	2.0
	1114	2.4		1752	0.8
	1807	0.4		2349	2.0
15	0024	2.0	30	0614	0.5
Sa	0603	0.7	Su	1236	2.0
	1219	2.4		1816	0.9
	1839	0.6		2359	2.2
			31	0652	0.2
			M	1325	1.9
				1837	1.1

NOVEMBER 2005

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0013	2.3	16	0022	2.6
Tu	0730	0.0	W	08 9	-0.5
	1414	1.9		1549	1.5
	1836	1.3		1836	1.4
2	0032	2.5	17	0049	2.7
W	0809	-0.2	Th	0901	-0.5
	1506	1.0			
	1912	1.4			
3	0035	2.6	18	01 9	2.7
Th	0851	-0.3	F	0944	-0.4
	1609	1.7			
	1925	1.5			
4	0125	2.7	19	0154	2.6
F	0939	-0.3	Sa	1030	-0.3
	1727	1.6			
	1935	1.5			
5	0203	2.8	20	0236	2.5
Sa	1033	-0.3	Su	1121	-0.2
6	0249	2.8	21	0327	2.4
Su	1136	-0.3	M	12 4	0.0
7	0347	2.7	22	0429	2.2
M	1245	-0.2	Tu	1308	0.1
				2107	1.4
				2333	1.3
8	0501	2.5	23	0545	2.0
Tu	1355	-0.1	W	1400	0.2
				2122	1.5
9	0635	2.2	24	0140	1.3
W	1458	0.1	Th	07 9	1.8
	2227	1.7		1447	0.4
				2140	1.6
10	0240	1.4	25	03 0	1.0
Th	0820	2.0	F	0848	1.6
	1551	0.3		1529	0.5
	2242	1.8		2157	1.7
11	0407	1.0	26	04 7	0.7
F	1002	1.9	Sa	1021	1.5
	1634	0.5		1607	0.7
	2259	2.0		22 5	1.9
12	0512	0.5	27	05 0	0.4
Sa	1126	1.8	Su	1139	1.5
	1709	0.8		1640	0.9
	2318	2.2		2234	2.0
13	0608	0.1	28	0555	0.0
Su	1240	1.8	M	1246	1.5
	1738	1.0		1708	1.1
	2338	2.4		2255	2.2
14	0653	-0.2	29	0637	-0.2
M	1344	1.7	Tu	1348	1.5
	1803	1.2		1732	1.3
	2359	2.5		2320	2.4
15	0737	-0.4	30	07 9	-0.5
Tu	1445	1.6	W	1451	1.5
	1823	1.3		1749	1.4
				2349	2.5

DECEMBER 2005

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0803	-0.6	16	0027	2.5
Th			F	0855	-0.7
2	0024	2.7	17	0105	2.4
F	0850	-0.7	Sa	0934	-0.6
3	0106	2.7	18	0146	2.4
Sa	0940	-0.7	Su	1014	-0.5
4	0155	2.7	19	0233	2.3
Su	1034	-0.7	M	1052	-0.4
				1828	1.2
				2106	1.1
5	0252	2.6	20	0324	2.1
M	1126	-0.5	Tu	1131	-0.3
				1844	1.3
				2221	1.1
6	0356	2.4	21	0420	1.9
Tu	1222	-0.4	W	1208	-0.1
	2003	1.4		1904	1.4
	2310	1.3		2341	1.0
7	0514	2.1	22	0523	1.7
W	1313	-0.1	Th	1245	0.1
	2025	1.5		1927	1.5
8	0103	1.1	23	0105	0.8
Th	0642	1.6	F	0636	1.4
	1401	0.2		1321	0.3
	2051	1.7		1952	1.6
9	0242	0.7	24	0226	0.6
F	0824	1.5	Sa	0805	1.2
	1444	0.5		1357	0.6
	2116	1.9		2019	1.7
10	0405	0.3	25	0338	0.3
Sa	1019	1.3	Su	0956	1.1
	1522	0.8		1432	0.8
	2147	2.1		2049	1.9
11	0511	0.0	26	0440	0.0
Su	1204	1.3	M	1157	1.1
	1557	1.0		1505	1.0
	2217	2.2		2122	2.0
12	0606	-0.4	27	0534	-0.3
M	1332	1.3	Tu	2159	2.2
	1627	1.2			
	2246	2.4			
13	0653	-0.6	28	0625	-0.6
Tu	1449	1.3	W	2240	2.3
	1652	1.2			
	2319	2.4			
14	0736	-0.7	29	0714	-0.8
W	2352	2.5	Th	2326	2.5
15	0816	-0.7	30	0802	-0.9
Th			F		
			31	0016	2.6
			Sa	0850	-1.0

JANUARY 2006

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0110	2.6	16	0152	2.1
Su	0936	-1.0	M	0946	-0.5
	1733	1.2		1646	1.1
	1941	1.1		2033	0.8
2	0207	2.5	17	0236	2.0
M	1019	-0.8	Tu	1014	-0.4
	1740	1.2		1653	1.2
	2058	1.0		2127	0.7
3	0307	2.3	18	0323	1.9
Tu	1100	-0.6	W	1040	-0.2
	1803	1.3		1710	1.3
	2215	0.9		2223	0.6
4	0412	2.1	19	0414	1.7
W	1137	-0.3	Th	1106	0.0
	1823	1.5		1729	1.5
	2335	0.7		2321	0.5
5	0523	1.7	20	0511	1.4
Th	1210	0.0	F	1129	0.2
	1846	1.6		1751	1.6
6	0100	0.4	21	0026	0.3
F	0643	1.3	Sa	0618	1.2
	1240	0.4		1149	0.5
	1917	1.8		1816	1.7
7	0228	0.1	22	0137	0.1
Sa	0831	1.0	Su	0747	1.0
	1302	0.7		1159	0.7
	1951	2.0		1845	1.8
8	0352	-0.2	23	0254	-0.1
Su	2031	2.1	M	1921	1.9
9	0505	-0.4	24	0411	-0.3
M	2117	2.2	Tu	2011	2.0
10	0606	-0.6	25	0519	-0.6
Tu	2207	2.2	W	2114	2.1
11	0656	-0.7	26	0619	-0.8
W	2257	2.2	Th	2221	2.3
12	0739	-0.8	27	0710	-1.0
Th	2344	2.2	F	2325	2.4
13	0815	-0.7	28	0755	-1.1
F			Sa	1558	1.2
				1801	1.1
14	0028	2.2	29	0024	2.5
Sa	0848	-0.7	Su	0836	-1.0
				1601	1.2
				1910	1.0
15	0110	2.2	30	0121	2.5
Su	0918	-0.6	M	0914	-0.9
	1641	1.1		1611	1.2
	1938	1.0		2013	0.7
			31	0218	2.3
			Tu	0948	-0.7
				1625	1.3
				2116	0.5

FEBRUARY 2006

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0317	2.0	16	0319	1.7
W	1018	-0.3	Th	0949	0.0
	1643	1.5		1555	1.6
	2221	0.3		2208	0.2
2	0420	1.7	17	0408	1.5
Th	1045	0.0	F	1009	0.2
	1705	1.7		1014	1.7
	2328	0.1		2256	0.0
3	0528	1.3	18	0503	1.3
F	1105	0.3	Sa	1025	0.4
	1732	1.9		1637	1.9
				2350	-0.1
4	0042	-0.1	19	0609	1.1
Sa	0651	1.0	Su	1035	0.7
	1113	0.8		1704	2.0
	1803	2.0			
5	0204	-0.2	20	0057	-0.1
Su	1841	2.1	M	0747	0.9
				1025	0.8
				1736	2.0
6	0334	-0.4	21	0219	-0.2
M	1929	2.1	Tu	1821	2.1
7	0458	-0.5	22	0346	-0.4
Tu	2034	2.0	W	1928	2.1
8	0602	-0.6	23	0504	-0.6
W	2150	2.0	Th	2057	2.1
9	0651	-0.7	24	0604	-0.8
Th	2300	2.0	F	2221	2.2
10	0729	-0.7	25	0652	-0.9
F	2353	2.1	Sa	1437	1.2
				1721	1.1
				2332	2.3
11	0800	-0.6	26	0732	-0.9
Sa	1524	1.1	Su	1436	1.2
	1822	1.0		1627	0.9
12	0037	2.1	27	0033	2.3
Su	0824	-0.6	M	0806	-0.7
	1523	1.1		1442	1.3
	1910	0.8		1926	0.6
13	0118	2.0	28	0130	2.2
M	0847	-0.4	Tu	0837	-0.4
	1524	1.2		1454	1.5
	1955	0.7		2021	0.3
14	0155	1.9			
Tu	0908	-0.3			
	1528	1.3			
	2038	0.5			
15	0235	1.8			
W	0929	-0.2			
	1539	1.4			
	2122	0.3			

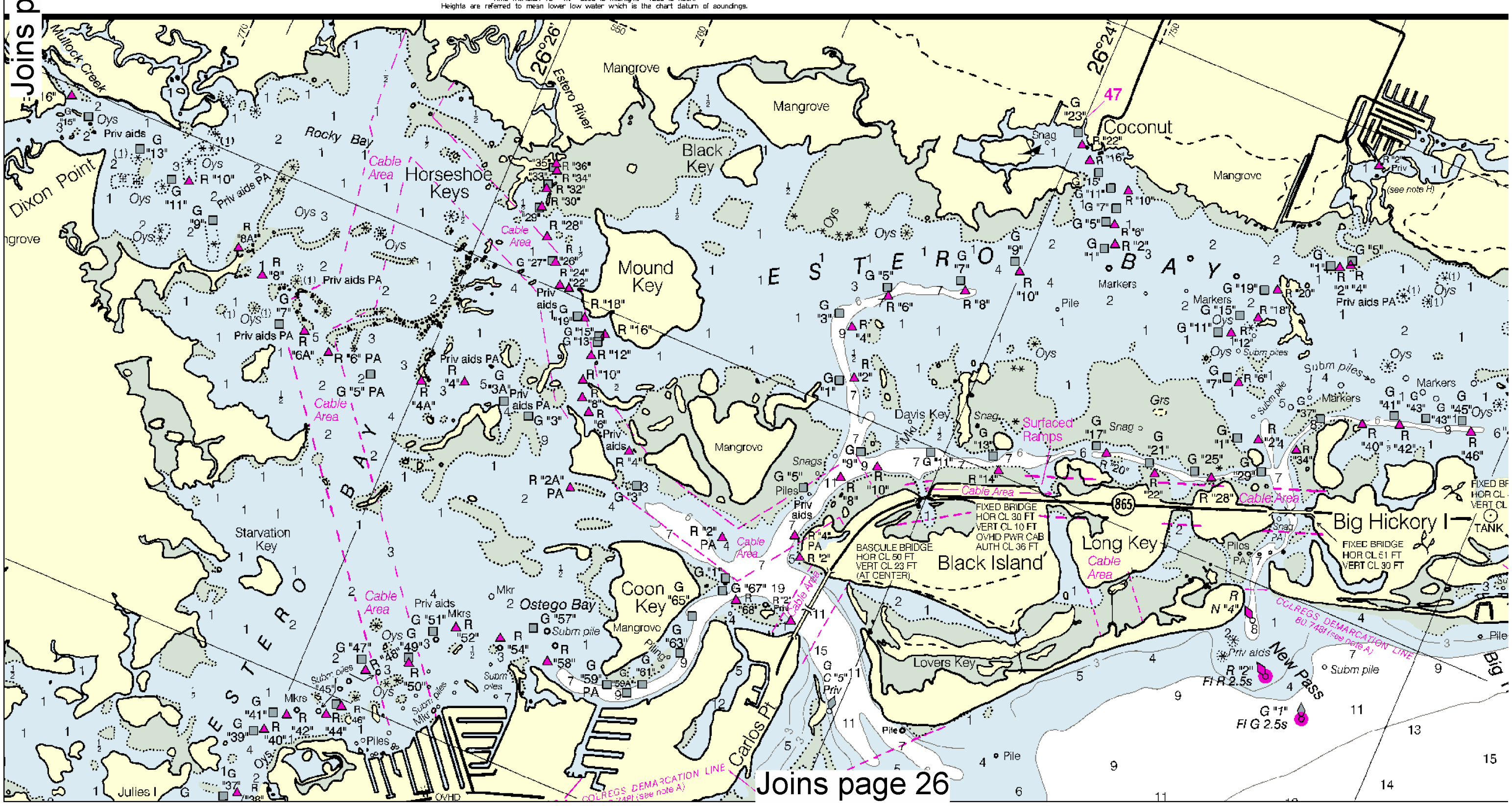
MARCH 2006

Day	Time h.m.	Ht. ft.	Day	Time h.m.	Ht. ft.
1	0227	2.0	16	0235	1.7
W	0904	-0.	Th	0839	0.3
	1510	1.7		1429	1.8
	2117	0.0		2109	0.0
2	0326	1.7	17	0320	1.5
Th	0927	0.2	F	0856	0.5
	1531	1.9		1447	2.0
	2213	-0.2		2150	-0.1
3	0429	1.4	18	0410	1.4
F	0945	0.5	Sa	0912	0.7
	1558	2.		1510	2.1
	2313	-0.3		2235	-0.2
4	0540	1.	19	0509	1.2
Sa	0954	0.7	Su	0924	0.8
	1626	2.2		1536	2.2
				2328	-0.3
5	0019	-0.3	20	0625	1.1
Su	0721	0.9	M	0928	1.0
	0932	0.8		1609	2.2
	1700	2.2			
6	0137	-0.3	21	0035	-0.3
M	1742	2.2	Tu	1651	2.3
7	0311	-0.3	22	0158	-0.3
Tu	1938	2.	W	1749	2.2
8	0437	-0.4	23	0325	-0.4
W	2005	2.0	Th	1913	2.2
9	0540	-0.4	24	0438	-0.5
Th	2147	1.9	F	2056	2.2
10	0625	-0.4	25	0533	-0.5
F	1421	1.3	Sa	1317	1.4
	1637	1.2		1626	1.2
	2303	1.9		2225	2.2
11	0658	-0.4	26	0616	-0.5
Sa	1410	1.3	Su	1313	1.4
	1744	1.0		1738	0.9
	2356	2.0		2337	2.2
12	0723	-0.3	27	0652	-0.3
Su	1408	1.3	M	1319	1.6
	1832	0.8		1836	0.5
13	0038	2.0	28	0040	2.1
M	0744	-0.2	Tu	0722	-0.1
	1408	1.4		1330	1.7
	1914	0.6		1928	0.1
14	0117	1.9	29	0139	2.0
Tu	0802	0.0	W	0748	0.3
	1409	1.5		1345	2.0
	1952	0.4		2019	-0.2
15	0155	1.8	30	0237	1.7
W	0821	0.2	Th	0810	0.5
	1416	1.6		1405	2.2
	2031	0.2		2110	-0.4
			31	0339	1.5
			F	0828	0.8
				1429	2.4
				2201	-0.5

Day
1
Sa
2
Su
3
M
4
Tu
5
W
6
Th
7
F
8
Sa
9
Su
10
M
11
Tu
12
W
13
Th
14
F
15
Sa

Time meridian 75 W. 0000 is midnight. 1200 is noon.
Heights are referred to mean lower low water which is the chart datum of soundings.

Joins page 19



Joins page 26

Printed at reduced scale.

SCALE 1:40,000

See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000

Joins page 15

with leaders and refer to the facility tabulation.

NSN 7642014010237
NGA REFERENCE NO.11XHA11427
ED. NO. 34

11427

APRIL 2006

Day	Time	Ht.	Day	Time	Ht.
	h.m.	ft.		h.m.	ft.
1	0448	1.3	15	0432	1.4
Sa	0838	1.0	Su	0810	1.1
	1458	2.5		1419	2.5
	2256	-0.5		2224	-0.3
2	0615	1.1	16	0547	1.3
Su	0931	1.0	M	0819	1.2
	1531	2.5		1454	2.5
	2358	-0.4		2320	-0.3
3	1610	2.4	17	1538	2.5
M			TL		
4	0111	-0.3	18	0027	-0.3
TL	1659	2.3	W	1632	2.5
5	0236	-0.2	19	0142	-0.3
W	1806	2.1	Th	1744	2.3
6	0354	-0.1	20	0254	-0.3
Th	1844	1.9	F	1917	2.2
7	0452	-0.1	21	0355	-0.2
F	2 29	1.8	Sa	1143	1.5
				1314	1.3
				2058	2.1
8	0534	-0.1	22	0445	-0.1
Sa	1351	1.4	Su	1144	1.6
	1644	1.1		1639	1.0
	2249	1.9		2226	2.0
9	0605	0.0	23	0526	0.1
Su	1249	1.5	M	1155	1.8
	1741	0.9		1742	0.5
	2346	1.9		2345	1.9
10	0629	0.2	24	0558	0.4
M	1250	1.6	TL	1209	2.0
	1826	0.6		1836	0.1
11	0033	1.8	25	0052	1.8
TL	0650	0.4	W	0625	0.7
	1253	1.7		1226	2.3
	1904	0.3		1926	-0.2
12	0 17	1.7	26	0156	1.7
W	0758	0.5	Th	0648	0.9
	1259	1.9		1247	2.5
	1941	0.1		2014	0.4
13	0 39	1.7	27	0301	1.5
Th	0727	0.7	F	0706	1.1
	1311	2.1		1312	2.6
	2016	-0.1		2102	-0.5
14	0244	1.6	28	0413	1.4
F	0743	0.9	Su	0716	1.2
	1329	2.2		1341	2.7
	2055	-0.2		2151	-0.5
15	0333	1.5	29	1415	2.7
Sa	0758	1.0	Su	2243	-0.4
	1351	2.4			
	2 37	-0.3			

CAUTION

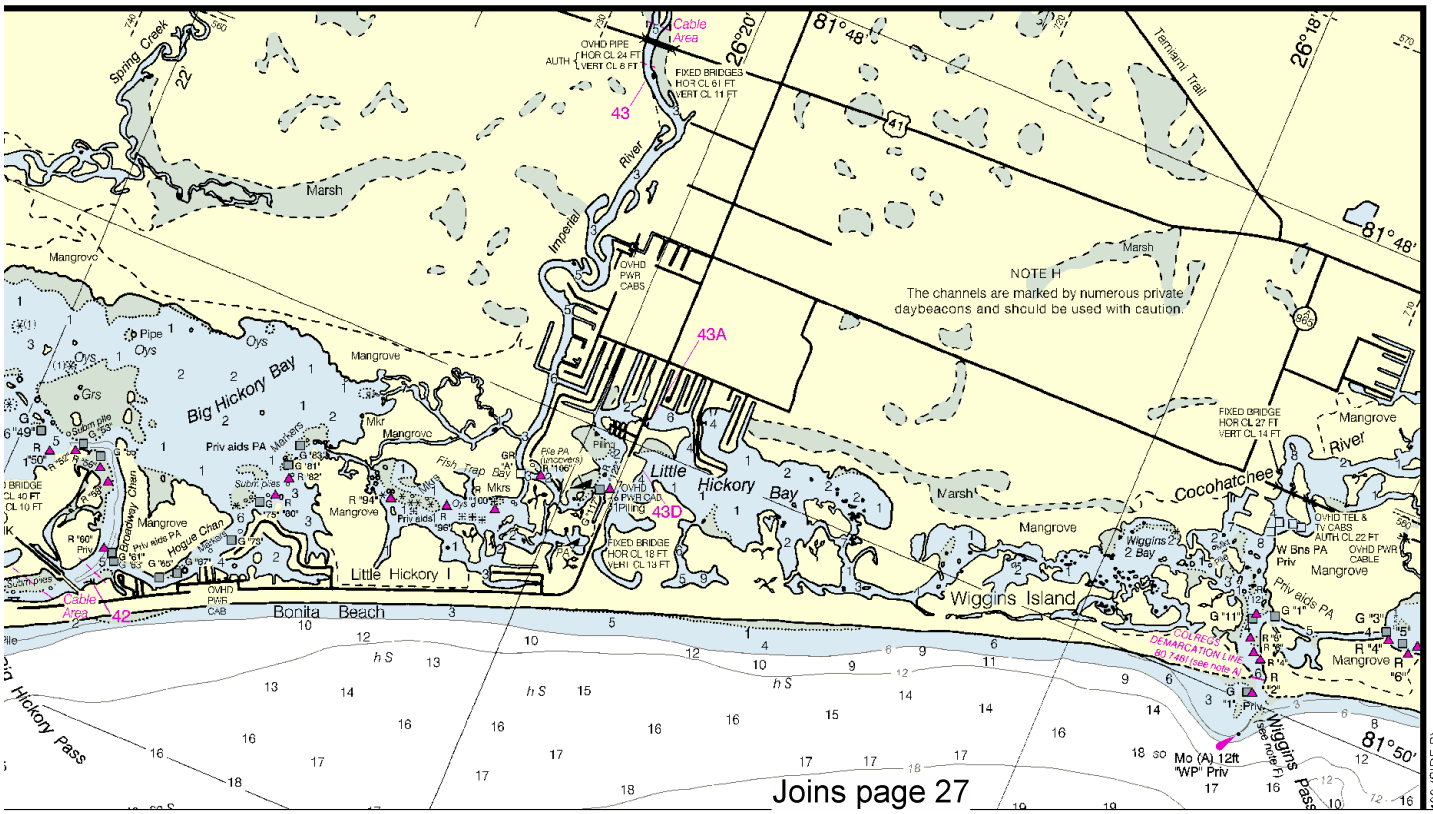
SUBMARINE PIPELINES AND CABLES

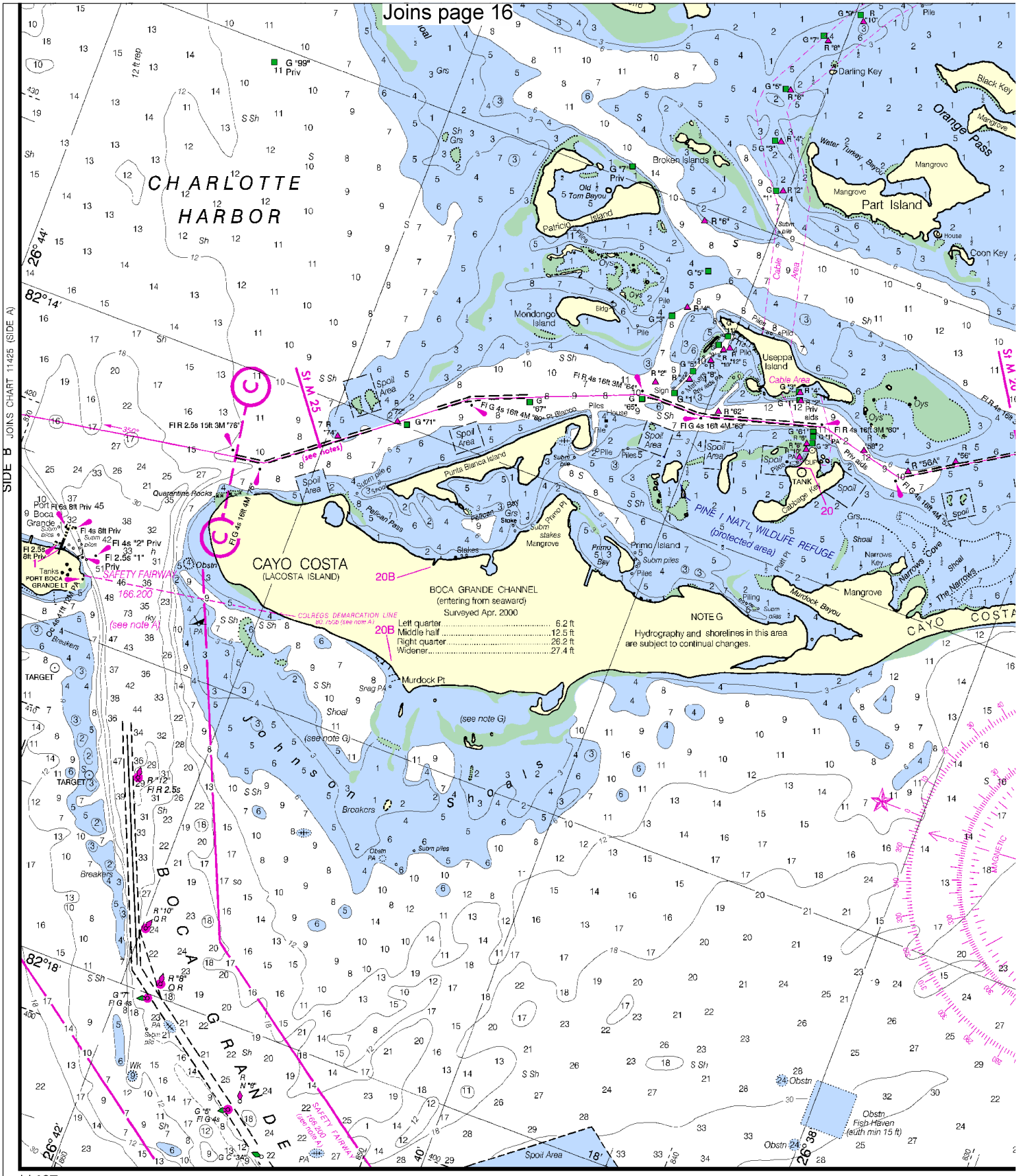
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:

Pipeline Area *Cable Area*

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.

Covered wells may be marked by lighted or unlighted buoys.

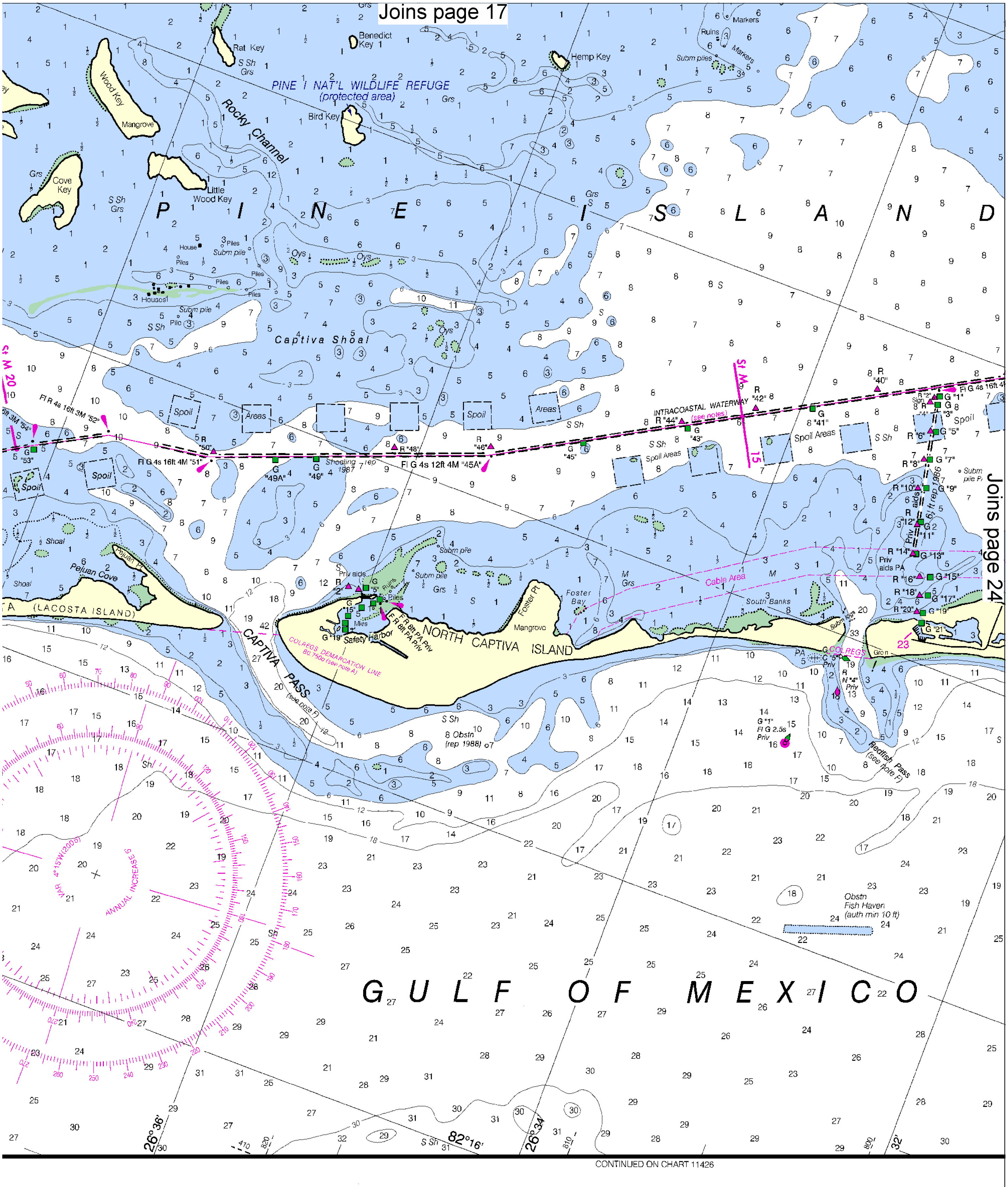


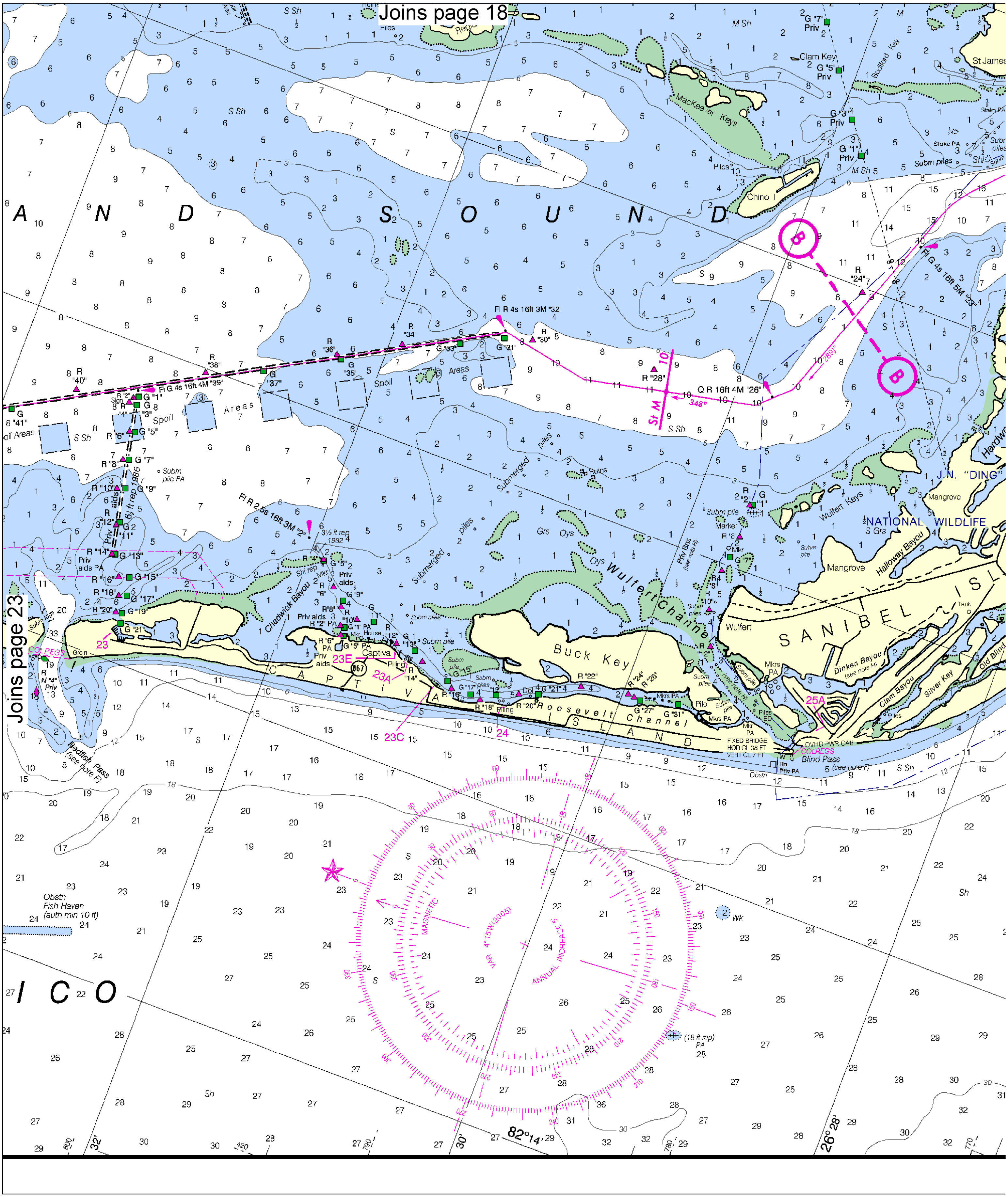


Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles
1 ½ 0 1 2 3

Yards
1000 0 1000 2000 3000 4000 5000


Joins page 17
Joins page 24
Rat Key
Benedict Key
Hemp Key
Wood Key
Mangrove
Bird Key
Rocky Channel
PINE I NAT'L WILDLIFE REFUGE
(protected area)
Cove Key
Little Wood Key
P I N E I S L A N D
Captiva Shoal
Spoil Areas
INTRACOASTAL WATERWAY
(see notes)
Fl R 4s 16ft 3M "52"
Fl G 4s 16ft 4M "51"
Fl G 4s 12ft 4M "45A"
Shoaling 1987
Pejuan Cove
(LACOSTA ISLAND)
Safety Harbor
NORTH CAPTIVA ISLAND
Foster Pt
Foster Bay
Mangrove
South Banks
Cable Area
CAPTIVA PASS
(see note F)
COLREGS DEMARCATION LINE 80.750 (see note A)
Redfish Pass
(see note F)
8 Obstn (rep 1988)
Obstn Fish Haven (auth min 10 ft)
VAR 4°15'W (2009)
ANNUAL INCREASE 5'
G U L F O F M E X I C O
26°36'
82°16'
26°34'
32'
CONTINUED ON CHART 11426



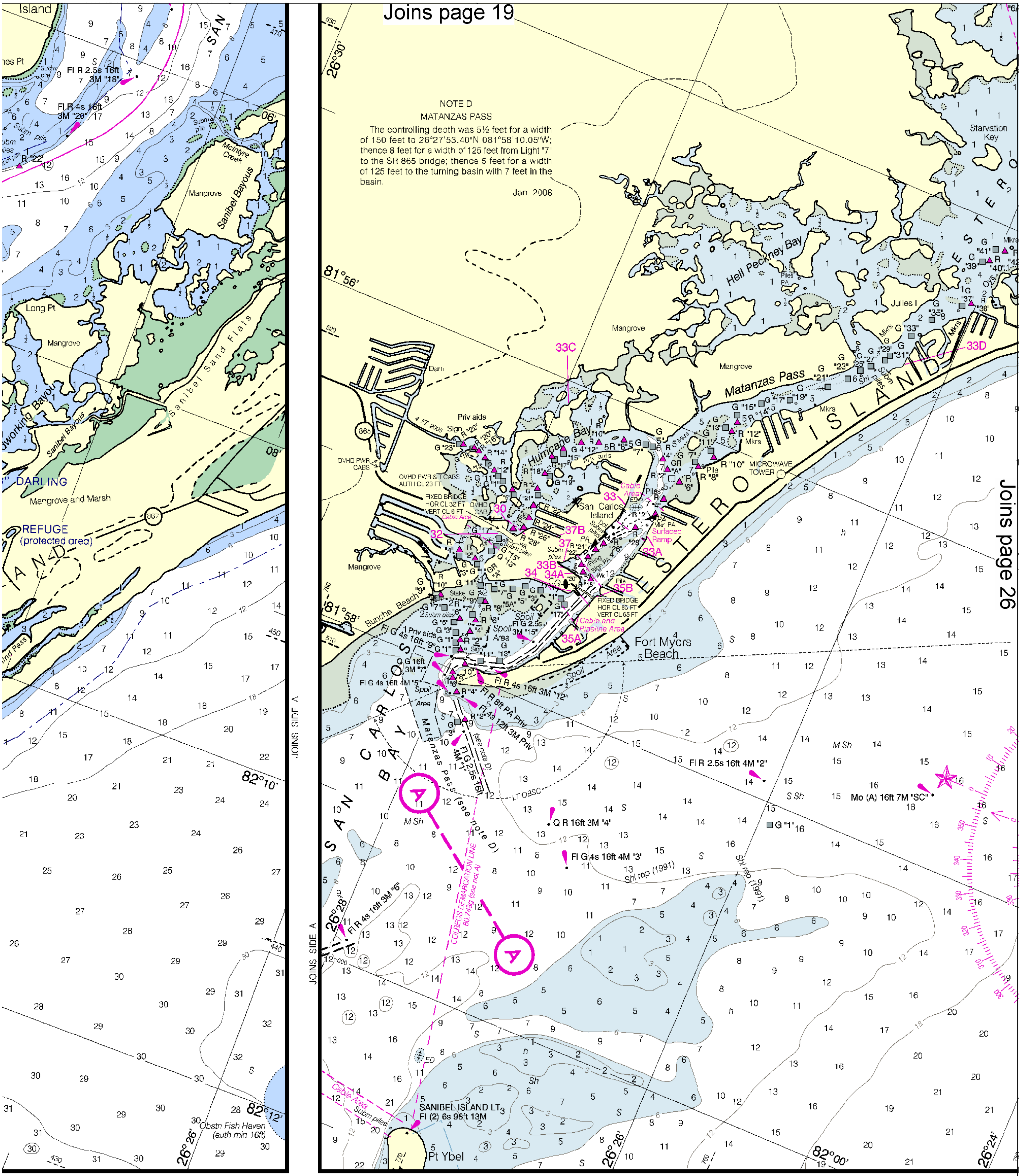
Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

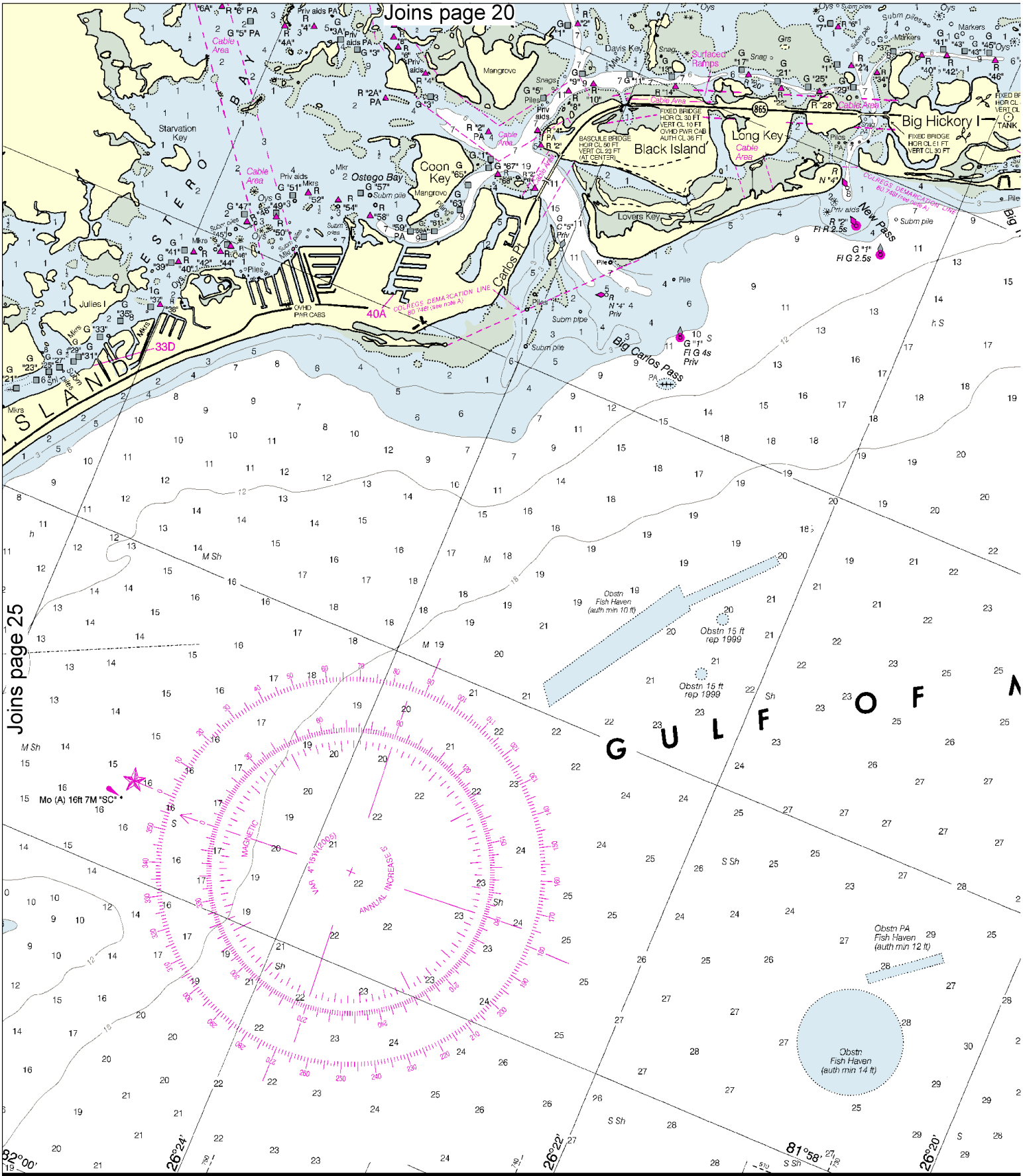
Nautical Miles

1 ½ 0 1 2 3

Yards

1000 0 1000 2000 3000 4000 5000


Joins page 19
NOTE D
MATANZAS PASS
The controlling depth was 5½ feet for a width of 150 feet to 26°27'53.40"N 081°58'10.05"W; thence 8 feet for a width of 125 feet from Light "7" to the SR 865 bridge; thence 5 feet for a width of 125 feet to the turning basin with 7 feet in the basin.
Jan. 2008
Joins page 26
Hell Peckney Bay
Matanzas Pass
Hurricane Bay
San Carlos Island
Fort Myers Beach
ESTERO ISLAND
SAN CARLOS BAY
Starvation Key
Julies I
Mangrove
Bunche Beach
MICROWAVE TOWER
FIXED BRIDGE HOR CL 85 FT VERT CL 65 FT
FIXED BRIDGE HOR CL 32 FT VERT CL 6 FT
Cable and Pipeline Area
COLREGS DEMARCATION LINE 80.748 (see note A)
SANIBEL ISLAND LT Fl (2) 6s 98ft 13M
Pt Ybel
Obstn Fish Haven (auth min 16ft)
Mo (A) 16ft 7M "SC"
Fl R 2.5s 16ft 4M "2"
Q R 16ft 3M "4"
Fl G 4s 16ft 4M "3"
Shl rep (1991)
Long Pt
Mangrove and Marsh
"DARLING"
REFUGE (protected area)
McIntyre Creek
Sanibel Bayous
Sanibel Sand Flats
JOINS SIDE A
33A
33B
33C
33D
34
34A
35A
35B
37
37B
30
32
33
26°30'
26°28'
26°26'
26°24'
81°56'
81°58'
82°00'
82°10'
82°12'

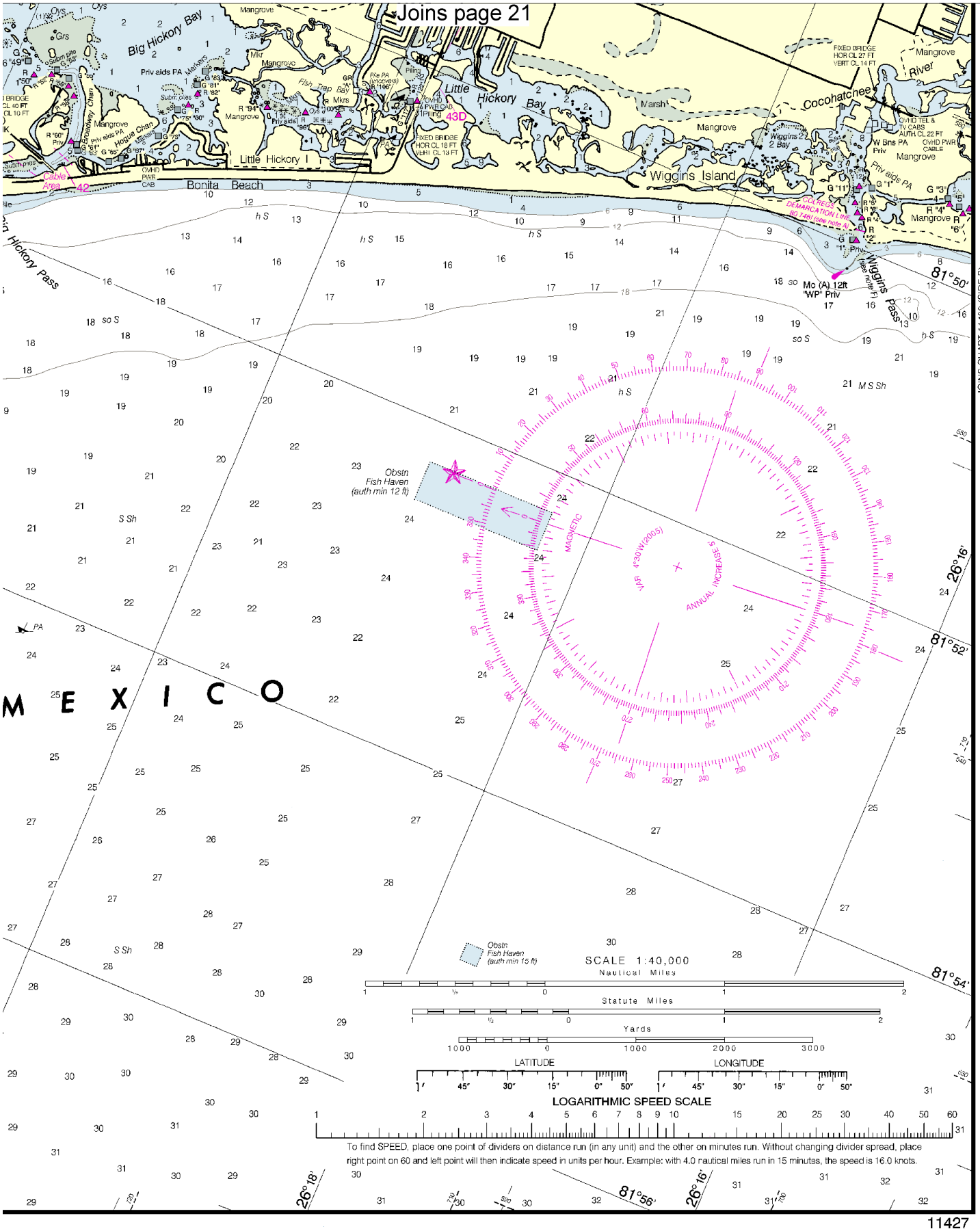


CONTINUED ON CHART 11426

Printed at reduced scale. ~~SCALE 1:40,000~~ See Note on page 5.

Nautical Miles: 1 ½ 0 1 2 3

Yards: 1000 0 1000 2000 3000 4000 5000


Joins page 21
Big Hickory Bay
Little Hickory Bay
Little Hickory I
Bonita Beach
Hickory Pass
Wiggins Island
Wiggins Pass
Cocohatchee River
Mangrove
Marsh
Obstn
Fish Haven
(auth min 12 ft)
Obstn
Fish Haven
(auth min 15 ft)
MEXICO
SCALE 1:40,000
Nautical Miles
Statute Miles
Yards
LATITUDE
LONGITUDE
LOGARITHMIC SPEED SCALE
To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots.
JOINS CHART 11430 (SIDE B)
SIDE B
11427

EMERGENCY INFORMATION

VHF Marine Radio channels for use on the waterways:

Channel 6 – Inter-ship safety communications.
Channel 9 – Communications between boats and ship-to-coast.
Channel 13 – Navigation purposes at bridges, locks, and harbors.
Channel 16 – Emergency, distress and safety calls to Coast Guard and others, and to initiate calls to other vessels. Contact the other vessel, agree to another channel, and then switch.
Channel 22A – Calls between the Coast Guard and the public. Severe weather warnings, hazards to navigation and safety warnings are broadcast here.
Channels 68, 69, 71, 72 & 78A – Recreational boat channels.

Distress Call Procedures

1. Make sure radio is on.
2. Select Channel 16.
3. Press/Hold the transmit button.
4. Clearly say: "MAYDAY, MAYDAY, MAYDAY."
5. Also give: Vessel Name and/or Description; Position and/or Location; Nature of Emergency; Number of People on Board.
6. Release transmit button.
7. Wait for 10 seconds – If no response Repeat MAYDAY Call.

HAVE ALL PERSONS PUT ON LIFE JACKETS !!

Mobile Phones – Call 911 for water rescue.
Coast Guard Fort Myers Beach – 239-463-5754
Fort Myers Police – 239-334-4155
Cape Coral Police – 239-574-3223
Coast Guard Cortez – 941-794-1607
FL Fish and Wildlife Conservation Comm – 888-404-3922
Coast Guard Atlantic Area Cmd – 757-398-6390

NOAA Weather Radio – 162.400 MHz, 162.425 MHz, 162.450 MHz, 162.475 MHz, 162.500 MHz, 162.525 MHz, 162.550 MHz.

Getting and Giving Help – Signal other boaters using visual distress signals (flares, orange flag, lights, arm signals); whistles; horns; and on your VHF radio. You are required by law to help boaters in trouble. Respond to distress signals, but do not endanger yourself.

NOAA, The Nation's Chartmaker

NOAA CHARTING PUBLICATIONS

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Official Print-on-Demand Nautical Charts – These full-scale NOAA charts are updated weekly by NOAA for all Notice to Mariner corrections. They have additional information added in the margin to supplement the chart. Print-on-Demand charts meet all federal chart carriage regulations for charts and updating. Produced under a public/private partnership between NOAA and OceanGrafix, LLC, suppliers of these premium charts are listed at www.OceanGrafix.com.

Official Electronic Navigational Charts (NOAA ENCs®) – ENCs are digital files of each chart's features and their attributes for use in computer-based navigation systems. ENCs comply with standards of the International Hydrographic Organization. ENCs and their updates are available for free from NOAA at www.NauticalCharts.NOAA.gov.

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Official BookletCharts™ – BookletCharts™ are reduced scale NOAA charts organized in page-sized pieces. The "Home Edition" can be downloaded from NOAA for free and printed. The Internet address is www.NauticalCharts.gov/bookletcharts.

Official PocketCharts™ – PocketCharts™ are for beginning recreational boaters to use for planning and locating, but not for real navigation. Measuring a convenient 13" by 19", they have a 1/3 scale chart on one side, and safety, boating, and educational information on the reverse. They can be purchased at retail outlets and on the Internet.

Official U.S. Coast Pilot® – The Coast Pilots are 9 text volumes containing information important to navigators such as channel descriptions, port facilities, anchorages, bridge and cable clearances, currents, prominent features, weather, dangers, and Federal Regulations. They supplement the charts and are available from NOAA chart agents or may be downloaded for free at www.NauticalCharts.NOAA.gov.

Official On-Line Chart Viewer – All NOAA nautical charts are viewable here on-line using any Internet browser. Each chart is up-to-date with the most recent Notices to Mariners. Use these on-line charts as a ready reference or planning tool. The Internet address is www.NauticalCharts.gov/viewer.

Official Nautical Chart Catalogs – Large format, regional catalogs are available for free from official chart agents. Page size, state catalogs are posted on the Internet and can be printed at home for free. Go to http://NauticalCharts.NOAA.gov/mcd/ccatalogs.htm.

Internet Sites: www.NauticalCharts.NOAA.gov, www.NOAA.gov, www.TidesandCurrents.NOAA.gov, www.NOS.NOAA.gov.